

BUSH HOG®

LAND MAINTENANCE REPAIR PARTS MANUAL

**MODEL: ESTATE ZERO TURN
ES1744, ES1844, ES1852, ES2052H, ES2052K**

SECTION: 74



BUSH HOG®

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ESTATE SERIES ZERO TURN MOWERS

MODELS: ES1744, ES1844, ES1852, ES2052H, ES2052K

SECTION: 74

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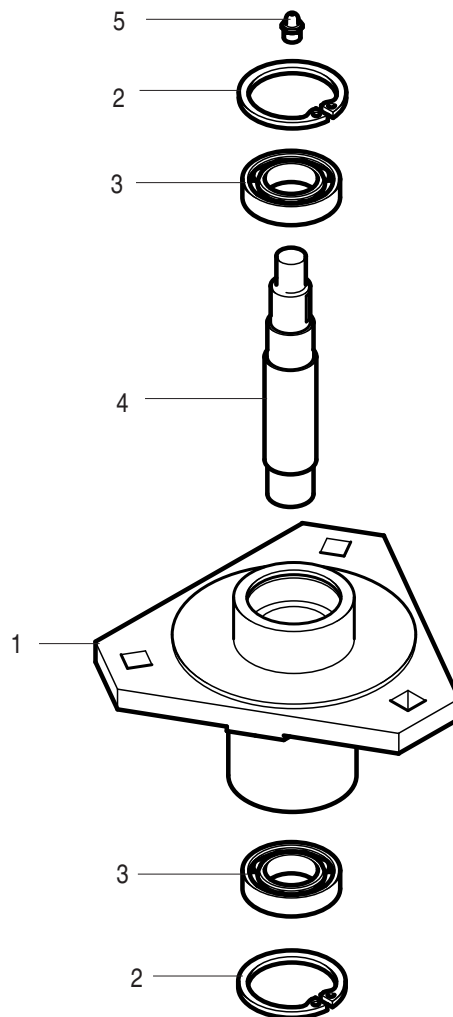
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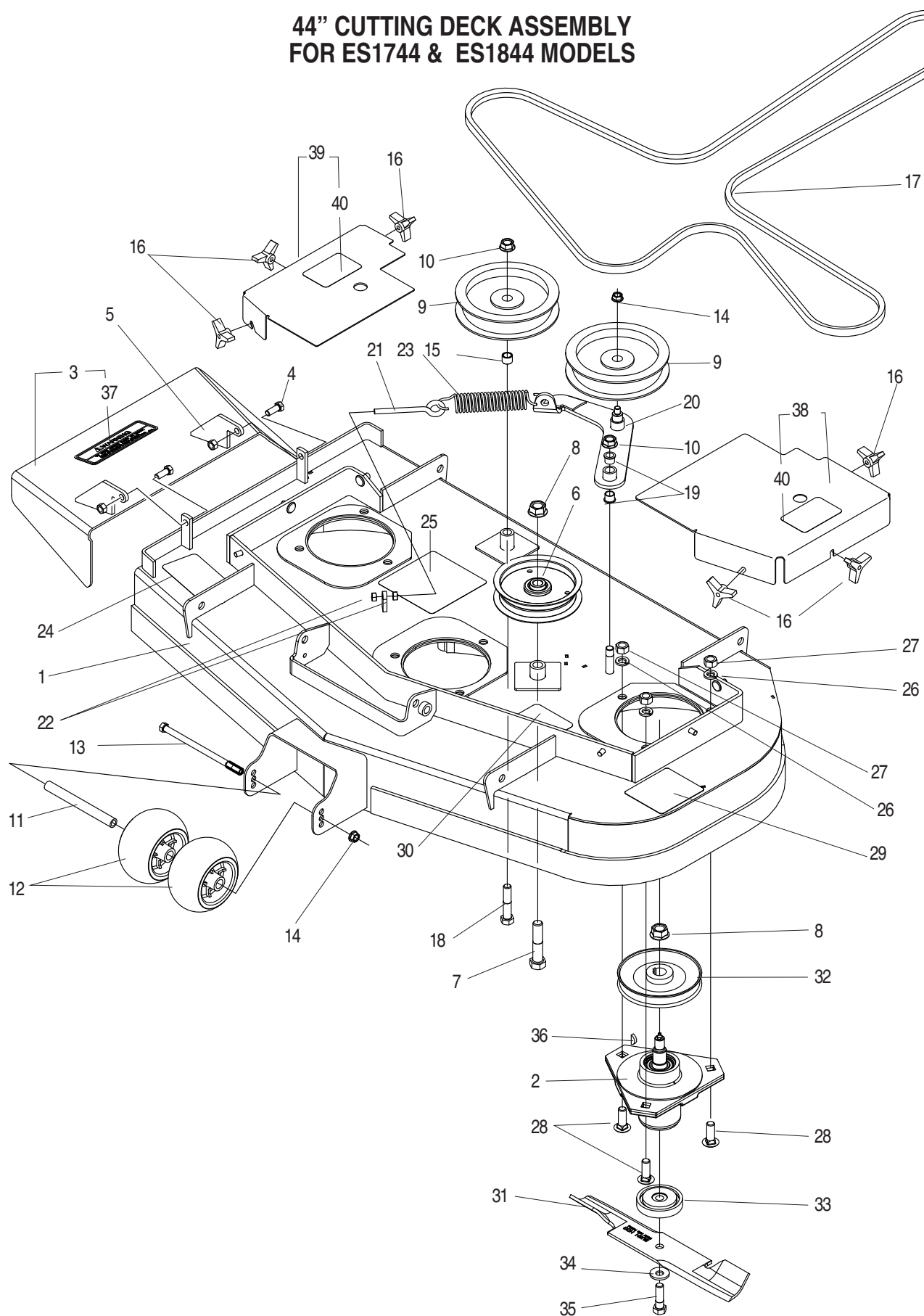
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99685 SPINDLE ASSEMBLY
Models: ES1744, ES1844, ES1852, ES2052H & ES2052K



REF. NO.	PART NO.	QTY.	DESCRIPTION
1	97598	1	Spindle Housing
2	97685	2	Retaining Ring
3	88749	2	Bearing, 25mm
4	50051387	1	Shaft
5	449	1	Grease Fitting

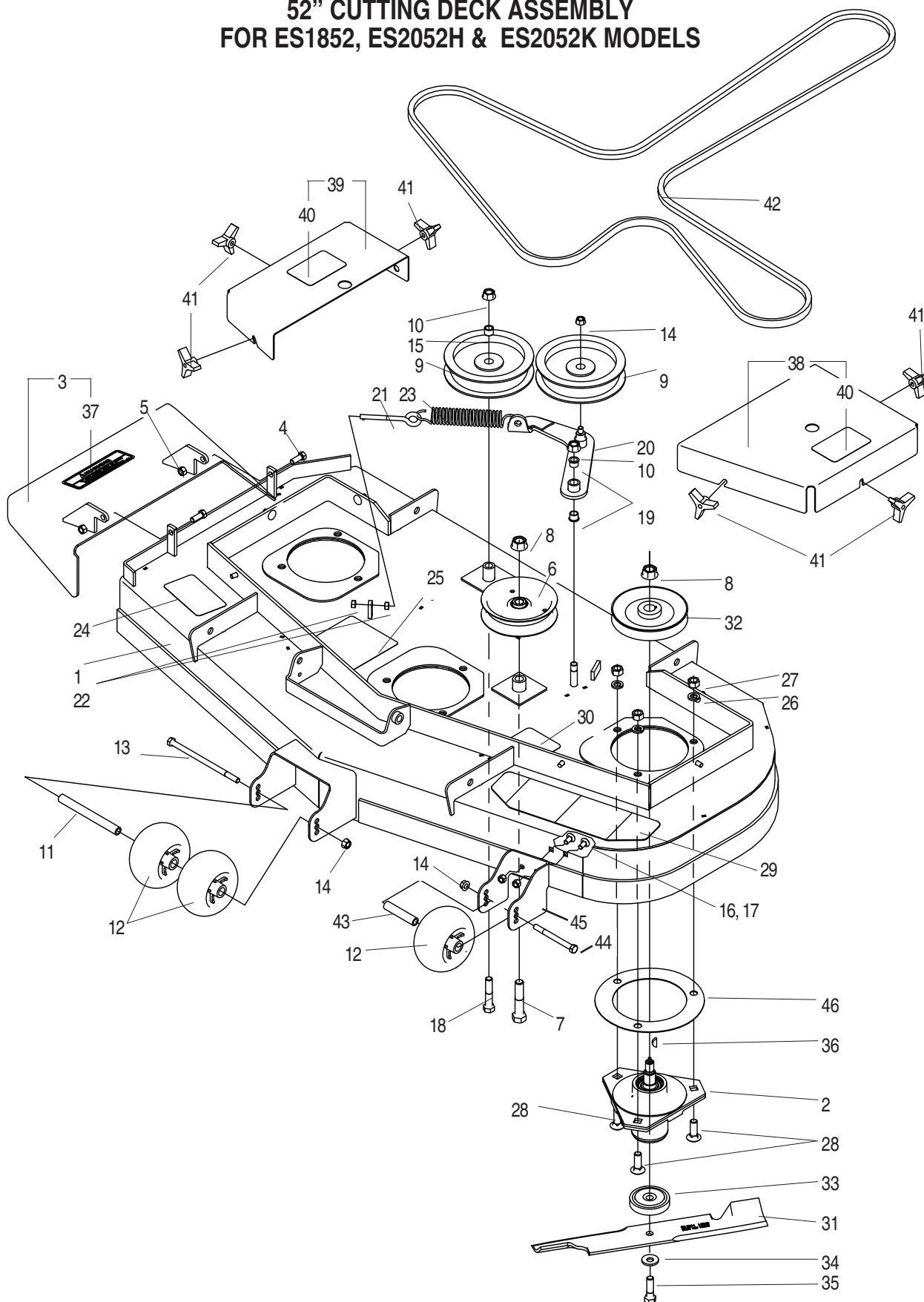
44" CUTTING DECK ASSEMBLY FOR ES1744 & ES1844 MODELS



44" CUTTING DECK ASSEMBLY FOR ES1744 & ES1844 MODELS

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	—	1	Deck Frame w/ Safety Decals
2	99685	3	Spindle Assembly
3	50043408	1	Discharge Shield w/ Safety Decal
4	—	2	Capscrew 3/8" x 1" Gr.5
5	9131200	2	Locknut 3/8"
6	88663	1	Idler
7	—	1	Capscrew 5/8" x 3" Gr.5
8	20414	4	Locknut 5/8", Flanged
9	50040768	2	Idler, Flat
10	44998	2	Locknut 1/2", Flanged
11	50029093	1	Bushing
12	50025511	2	Roller, Anti Scalp
13	20270	1	Capscrew 3/8" x 7" Gr.5
14	15583	2	Locknut 3/8", Flanged
15	50040871	1	Spacer
16	99047	6	Knob
17	97315	1	Belt for 44" Deck
18	19065	1	Capscrew 1/2" x 2-1/2" Gr.5
19	50055031	2	Flange Bushing 3/4" x 5/8" x 1/2"
20	50043405	1	Idler Weldment
21	50028262	1	Eye Bolt
22	—	2	Hex Nut 5/16"
23	97300	1	Extension Spring
24	50043280	1	Danger Decal
25	50029499	1	Decal, Belt Installation
26	—	9	Lockwasher 1/2"
27	—	9	Hex Nut 1/2"
28	5161614	9	Carriage Bolt 1/2" x 1-1/2" Gr.5
29	50028246	1	Non Skid Surface
30	50043277	1	Decal, Danger
31	50040772	3	Blade 15" CW Up-Lift
32	50045560	3	Sheave 4.75"
33	50042757	1	Spacer, Blade
34	44040	1	Safety Washer, Heavy Duty
35	44506	1	Capscrew 1/2" x 1-3/4" Gr.8 NF
36	88753	3	Woodruff Key 606
37	83056	1	Warning Decal
38	50044490	1	Belt Shield, L.H. w/ Decal
39	50044489	1	Belt Shield, R.H. w/Decal
40	50012615	1	Warning Decal

52" CUTTING DECK ASSEMBLY FOR ES1852, ES2052H & ES2052K MODELS

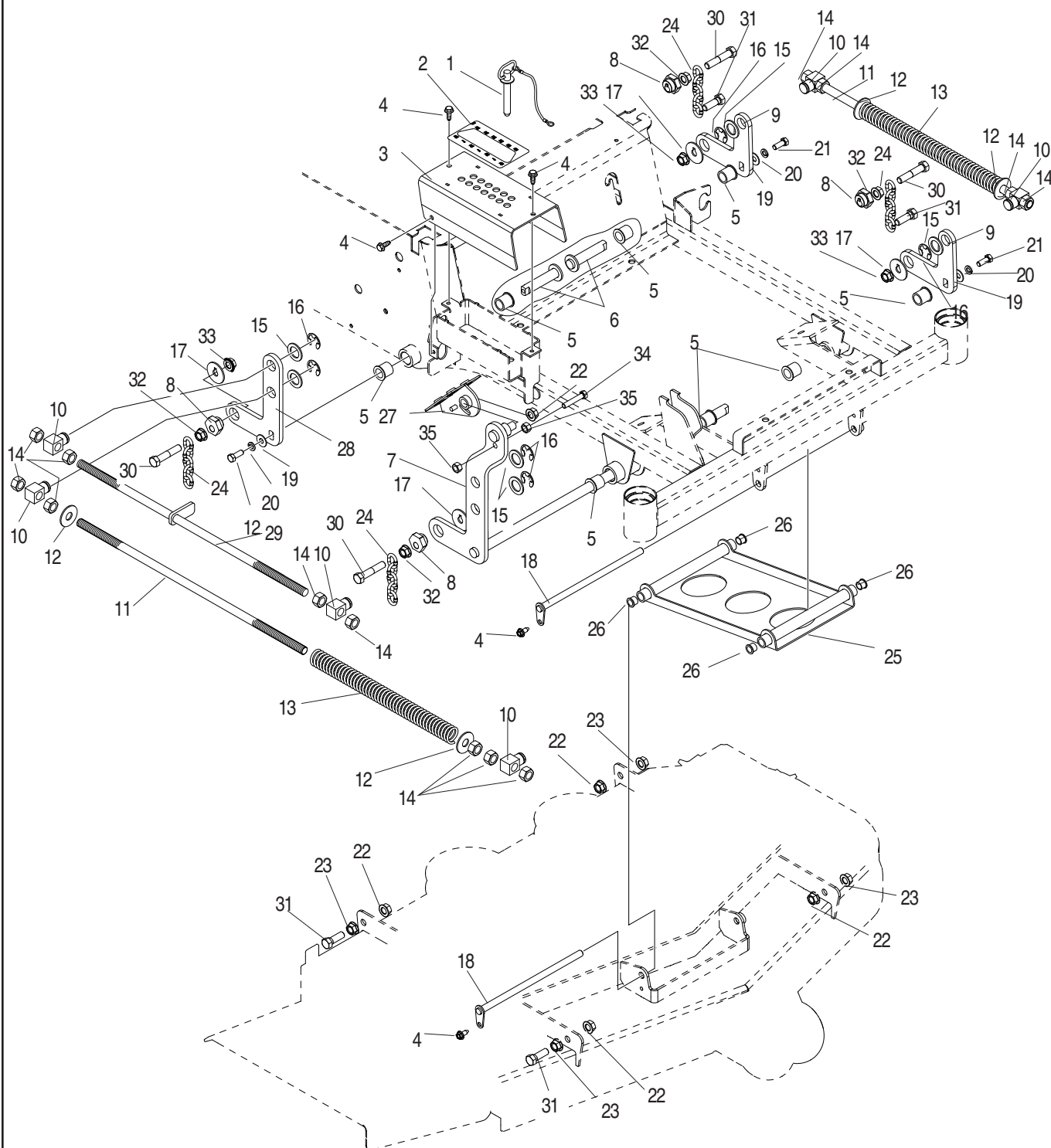


52" CUTTING DECK ASSEMBLY

Models: ES1852, ES2052H & ES2052K

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	—	1	Deck Frame w/ Safety Decals
2	99685	3	Spindle Assembly
3	50043402	1	Discharge Shield w/ Safety Decal
4	—	2	Capscrew 3/8" x 1" Gr.5
5	9131200	2	Locknut 3/8"
6	88663	1	Idler
7	—	1	Capscrew 5/8" x 3" Gr.5
8	20414	4	Locknut 5/8", Flanged
9	50040768	2	Idler, Flat
10	44998	2	Locknut 1/2", Flanged- Centerlock
11	50029093	1	Bushing
12	50025511	2	Roller, Anti Scalp
13	20270	1	Capscrew 3/8" x 7" Gr.5
14	15583	2	Locknut 3/8", Flanged
15	50040871	1	Spacer
16	44794	2	Carriage Bolt 5/16" x 3/4"
17	15602	2	Locknut 5/16" NC
18	19065	1	Capscrew 1/2" x 2-1/2" Gr.5
19	50055031	2	Flange Bushing 3/4" x 5/8" x 1/2"
20	50043405	1	Idler Weldment
21	50017540	1	Eye Bolt
22	—	2	Hex Nut 5/16"
23	90391	1	Extension Spring
24	50043280	1	Danger Decal
25	50029499	1	Decal, Belt Installation
26	—	9	Lockwasher 1/2"
27	—	9	Hex Nut 1/2"
28	5161614	9	Carriage Bolt 1/2" x 1-1/2" Gr.5
29	50029106	1	Non Skid Surface
30	50043277	1	Decal, Danger
31	50040773	3	Blade 18" CW Up-Lift
32	50042755	3	Sheave 5.75"
33	50042757	1	Spacer, Blade
34	44040	1	Safety Washer, Heavy Duty
35	44506	1	Capscrew 1/2" x 1-3/4" Gr.8 NF
36	88753	3	Woodruff Key 606
37	83056	1	Warning Decal
38	50043242	1	Belt Shield, L.H. w/ Decal
39	50043241	1	Belt Shield, R.H. w/Decal
40	50012615	1	Warning Decal
41	99047	6	Knob
42	94900	1	Belt for 52" Deck
43	50027488	1	Bushing
44	—	1	Capscrew 3/8" x 4" Gr.5
45	50042756	1	Bracket, L.H.Gauge Wheel
46	50043354	3	Spacer, Spindle

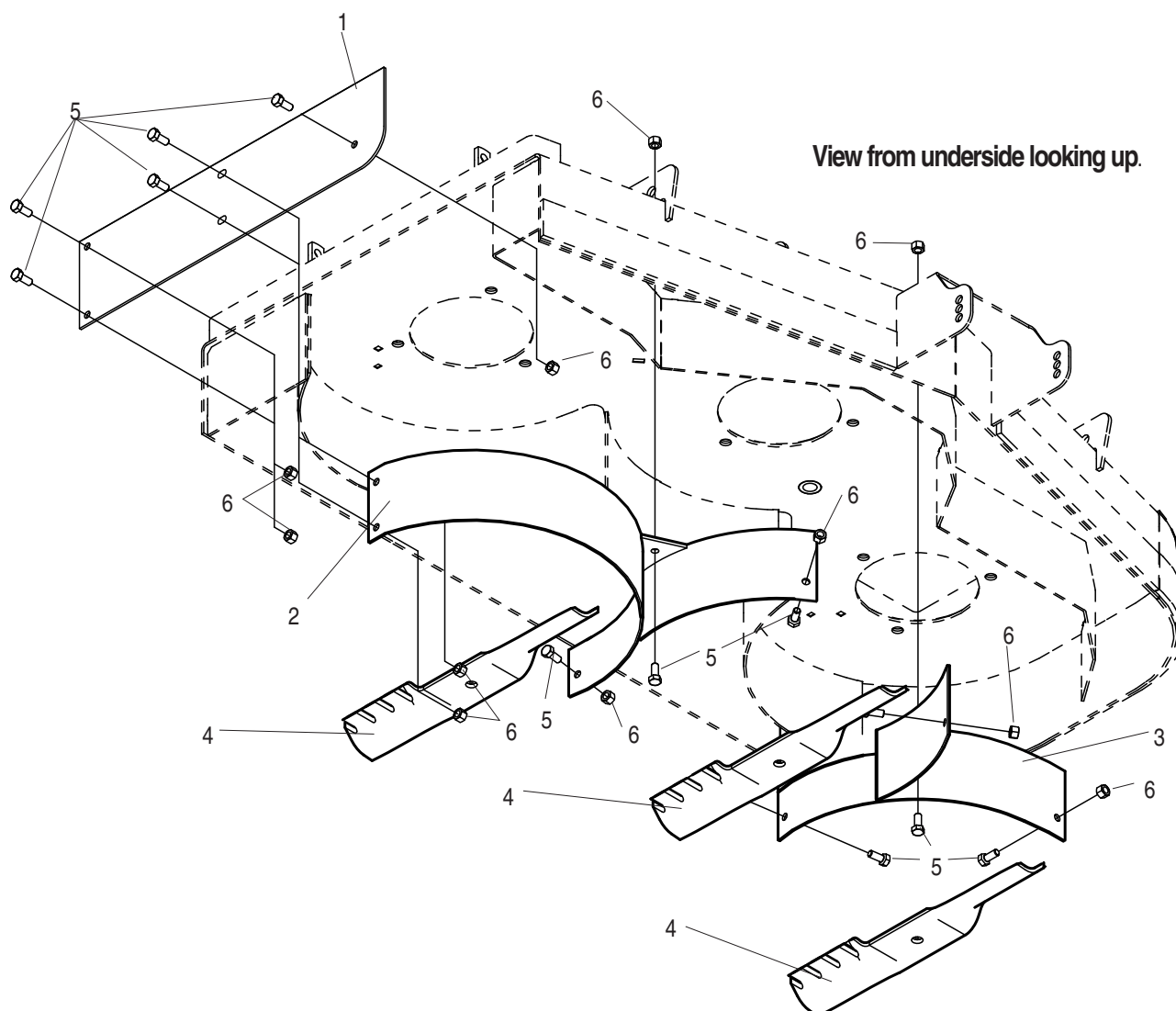
CUTTING DECK, PULL AND HEIGHT ADJUSTMENT FOR ES1744, ES1844, ES1852, ES2052H & ES2052K MODELS



CUTTING DECK, PULL AND HEIGHT ADJUSTMENT FOR ES1744, ES1844, ES1852, ES2052H & ES2052K MODELS

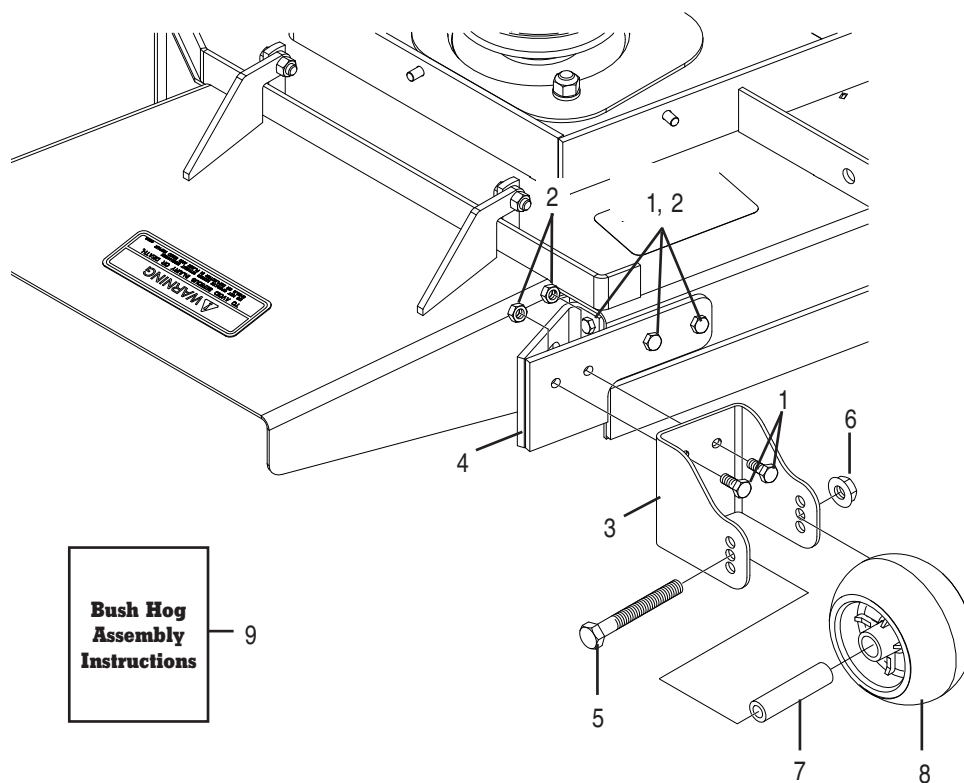
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	50043381	1	Pin, Height Adjustment
2	50043244	1	Decal, Height Adjustment
3	50042669	1	Bracket, Height Adjustment
4	50043225	1	Capscrew 5/16"-18 x 3/4" Self Tapping - Flanged
5	50040329	8	Bushing
6	50040315	2	Rear Deck Lift Weldment
7	50043344	1	Front Deck Lift Weldment
8	50036189	4	Bushing, Eccentric
9	50042663	2	L.H. Deck Lift
10	50027554	6	Rod Mounting Boss
11	50040861	2	Rod, Deck Lift Assy.
12	—	4	Flatwasher 5/8" ZP
13	50043341	2	Spring, Deck Lift Assist (For 44" Deck)
	50027491	2	Spring, Deck Lift Assist (For 52" Deck)
14	—	14	Hex Nut 5/8" CP Gr.5
15	—	6	Flatwasher 7/8" SAE
16	50027534	6	E-Ring
17	50036190	4	Washer, Special
18	50040765	2	Pin Weldment
19	—	3	Flatwasher 3/8" ZP
20	—	3	Lockwasher 3/8" CP
21	—	3	Capscrew 3/8" x 1" Gr.5 ZP
22	19518	5	Locknut 1/2" Flanged CP
23	44800	4	Hex Nut 1/2" Flanged CP
24	50042660	4	Deck Lift Chain 5 Links
25	50042703	1	Puller Bar Weldment
26	50040334	6	Bushing, Flanged 3/4" x 5/8" x 1/2"
27	50043397	1	Foot Pedal Weldment
28	50042753	1	R.H Deck Lift, Rear
29	50042665	1	Height Adjustment Stop Weldment
30	—	4	Capscrew 1/2" x 2" Gr.5 ZP
31	—	4	Capscrew 1/2" x 1-1/2" Gr.5 ZP
32	15519	4	Jamnut 1/2"
33	15554	4	Locknut 1/2"
34	44483	1	Capscrew 5/16" 2-1/4" Gr.8
35	44516	2	Jambnut 5/16"

50043260 MULCHING KIT FOR ES1744 & ES1844 MOWERS WITH 44" CUTTING DECK
50043261 MULCHING KIT FOR ES1852, ES2052H & ES2052K MOWERS WITH 52" CUTTING DECKS



REF. NO.	PART NO.	QTY.	DESCRIPTION
1	50044500	1	Block Off Plate for 44" Deck
	50044487	1	Block Off Plate for 52" Deck
2	50044442	1	R.H. Mulching Baffle for 44" Deck
	50044432	1	R.H. Mulching Baffle for 52" Deck
3	50044443	1	L.H. Mulching Baffle for 44" Deck
	50044433	1	L.H. Mulching Baffle for 52" Deck
4	50044450	3	Blade CW-15" Gator for 44" Deck
	50044451	3	Blade CW-18" Gator for 52" Deck
5	1141006	12	Capscrew 5/16" x 3/4" ZP
6	15602	12	Locknut 5/16" CP

Note: This kit also includes mounting instructions and templates for locating mounting holes.

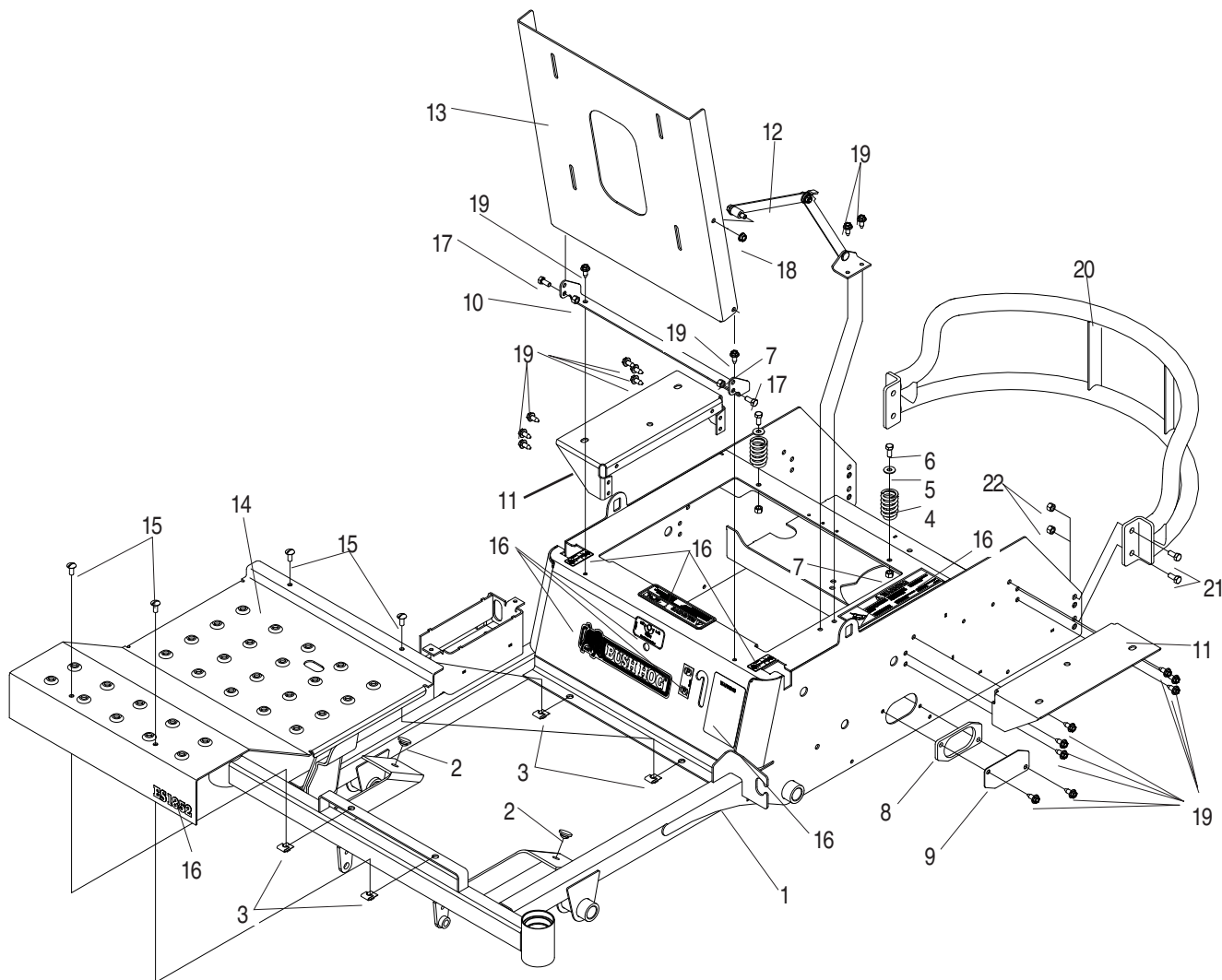


RIGHT HAND GAGE WHEEL (52" DECK)

Models: ES1852, ES2052H, ES2052K

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	—	6	Capscrew 5/16" x 3/4"
2	15602	6	Lock Nut 5/16"
3	50050054	1	Gage Wheel Bracket, R.H.
4	50050057	1	Mount Bracket Weldment, R.H.
5	—	1	Capscrew 3/8" x 4"
6	15583	1	Lock Nut 3/8" Gr. G Flg. Nrw.
7	50027488	1	Bushing
8	50025511	1	Roller, Anti-Scalp
9	50050058	1	Instruction Sheet

FRAME AND RELATED PARTS FOR ES1744, ES1844, ES1852, ES2052H & ES2052K MODELS

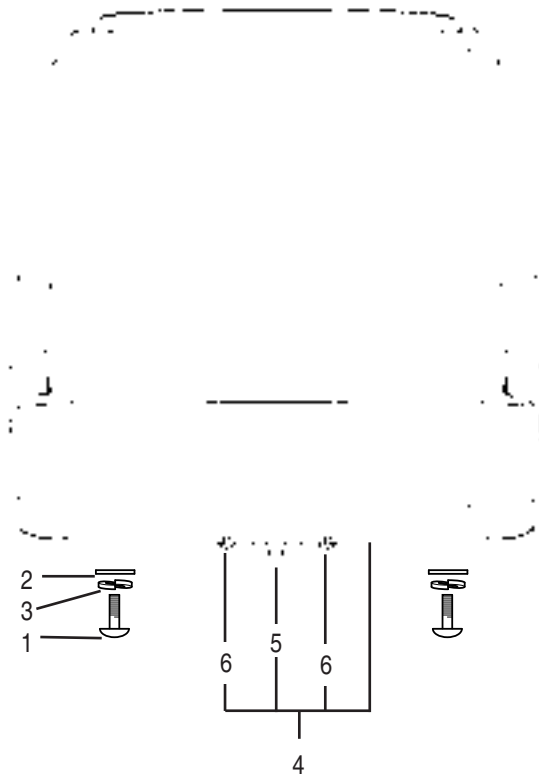


REF. NO.	PART NO.	QTY.	DESCRIPTION
1	50043308	1	Frame Assy. w/Decals
2	50027622	2	Grommet
3	50043221	4	"J"-Nut Retainer 5/16"-18
4	98558	2	Seat Spring
5	—	2	Flatwasher 5/16"
6	—	2	Capscrew 5/16" x 3/4" Gr.5
7	15602	6	Locknut 5/16"
8	50043401	1	Spacer, Fan Cover
9	50043400	1	Plate, Fan Cover
10	50040881	1	Pivot, Seat
11	50040913	2	Mount, Fuel Tank

REF. NO.	PART NO.	QTY.	DESCRIPTION
12	50043386	1	Hinge Retainer Assembly
13	50040895	1	Seat Platform
14	50046623	1	Foot Platform
15	44462	4	Truss Hd. Mach. Screw 5/16" x 5/8"
*16	50043311	1	Decal Kit
17	—	2	Capscrew 5/16" x 3/4"
18	44521	1	Locknut 5/16", Flanged
19	50043225	A/R	Capscrew 5/16"-18 x 3/4" Self Tap.
20	50042758	1	Bumper, Rear
21	—	4	Capscrew 3/8" x 3/4" Gr.5
22	20363	4	Locknut 3/8"

* 50043311 is a complete set of decals for one machine. Refer to decal kit for individual decals.

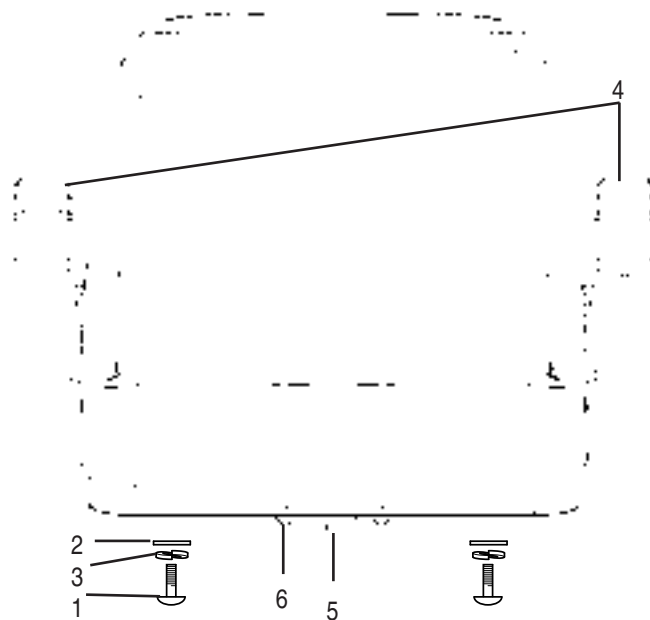
A/R = As Required

**50043267 STANDARD SEAT**

Mfd. by Milsco

Used on ES1744, ES1844,
ES1852H & ES2052K Models

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	—	4	Capscrew 5/16"x3/4" Gr.5
2	—	4	Flatwasher 5/16"
3	—	4	Lockwasher 5/16"
4	50040286	1	Seat w/ Switch
5	50030088	1	Delta Switch
6	—	2	Hi-Lo Screw, Phl. Pan Hd. #14-14 x 1/2"

**50043268 STANDARD SEAT
W / ARM REST**

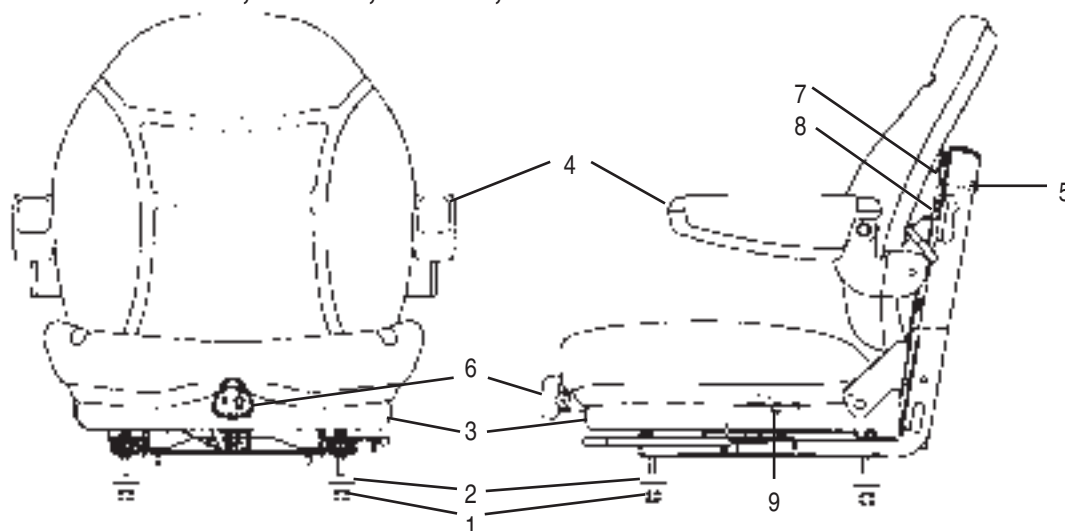
Mfd. by Milsco

Used on ES1744, ES1844, ES1852,
ES2052H & ES2052K Models

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	—	4	Capscrew 5/16"x3/4" Gr.5
2	—	4	Flatwasher 5/16"
3	—	4	Lockwasher 5/16"
4	50043270	1	Armrest Kit
5	50030088	1	Delta Switch
6	—	2	Hi-Lo Screw, Phl. Pan Hd., #14-14 x 1/2"

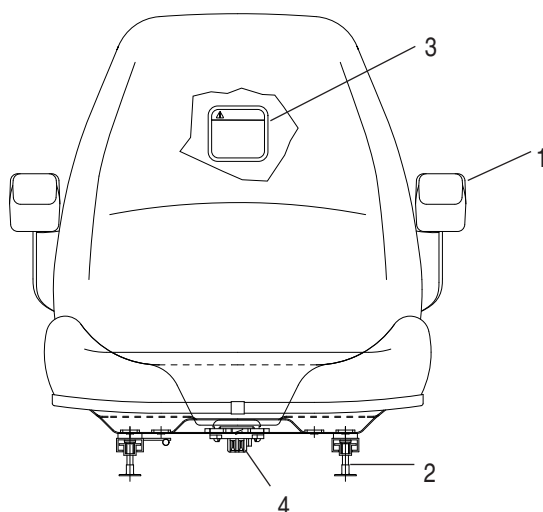
50043269 FULL SUSPENSION SEAT ASSEMBLY

Manufactured by Milsco
ES1744, ES1844, ES1852, ES2052H & ES2052K MODELS



REF. NO.	PART NO.	QTY.	DESCRIPTION
1	44251	4	Locknut 5/16" Flanged
2	—	4	Flatwasher 5/16"
3	50030082	1	Boot Kit
	—	1	Boot
	—	1	Wire Form, Upper
	—	2	Wire Form, Lower
4	50030083	1	Armrest Pad Kit
	—	1	Pad
	—	1	Capscrew 3/8" x 1/2"
	—	1	Capscrew M10 x 45
	—	1	Hex Nut M10
	—	1	Lockwasher
	—	2	Spacer
5	50030084	1	Roller-Bumper Kit
	—	4	Roller
	—	2	Bumper
	—	2	Push Nut
	—	2	Upper Spacer

REF. NO.	PART NO.	QTY.	DESCRIPTION
6	50030085	1	Knob Kit
	—	1	Adjuster Knob
	—	1	Shaft
	—	2	Spring Pin
	—	1	Spring Hanger Weldment
	—	2	Push Nut
	—	1	Plain Washer
7	50030086	1	Spring Cable Kit
	—	2	Spring
	—	1	Cable Assembly
	—	2	Push Nut
8	50030087	1	Damper Kit
	—	1	Damper
	—	2	Locknut
	—	1	Plain Washer
	—	1	Spacer
9	50030088	1	Delta Switch

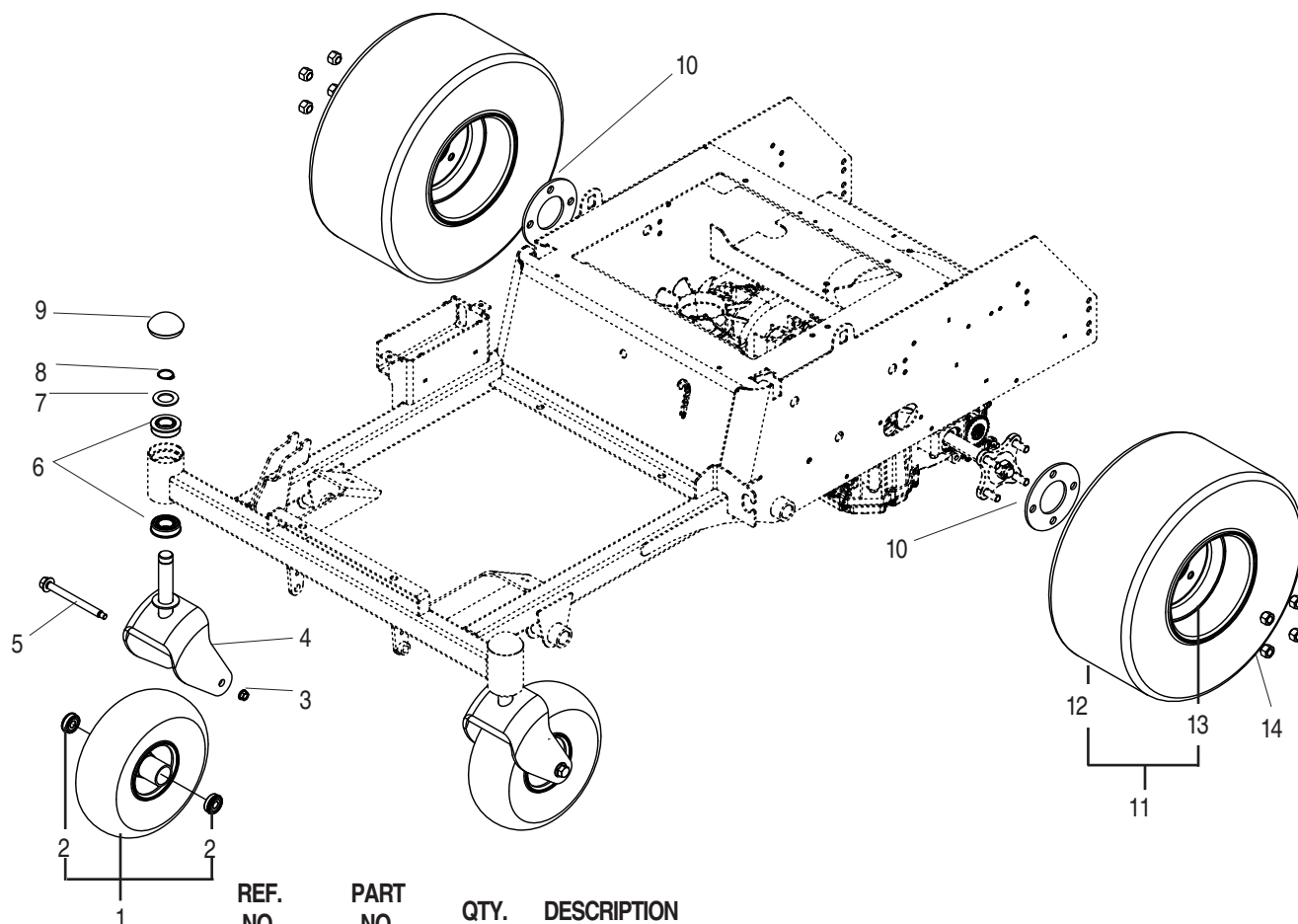


50027860 SEAT ASSEMBLY

Manufactured by Michigan
Used on ES1744, ES1844, ES1852,
ES2052H & ES2052K

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	50029620	1	Arm Rest Kit
2	50029619	1	Adjuster Kit
3	94131	1	Decal
4	99067	1	Seat Switch

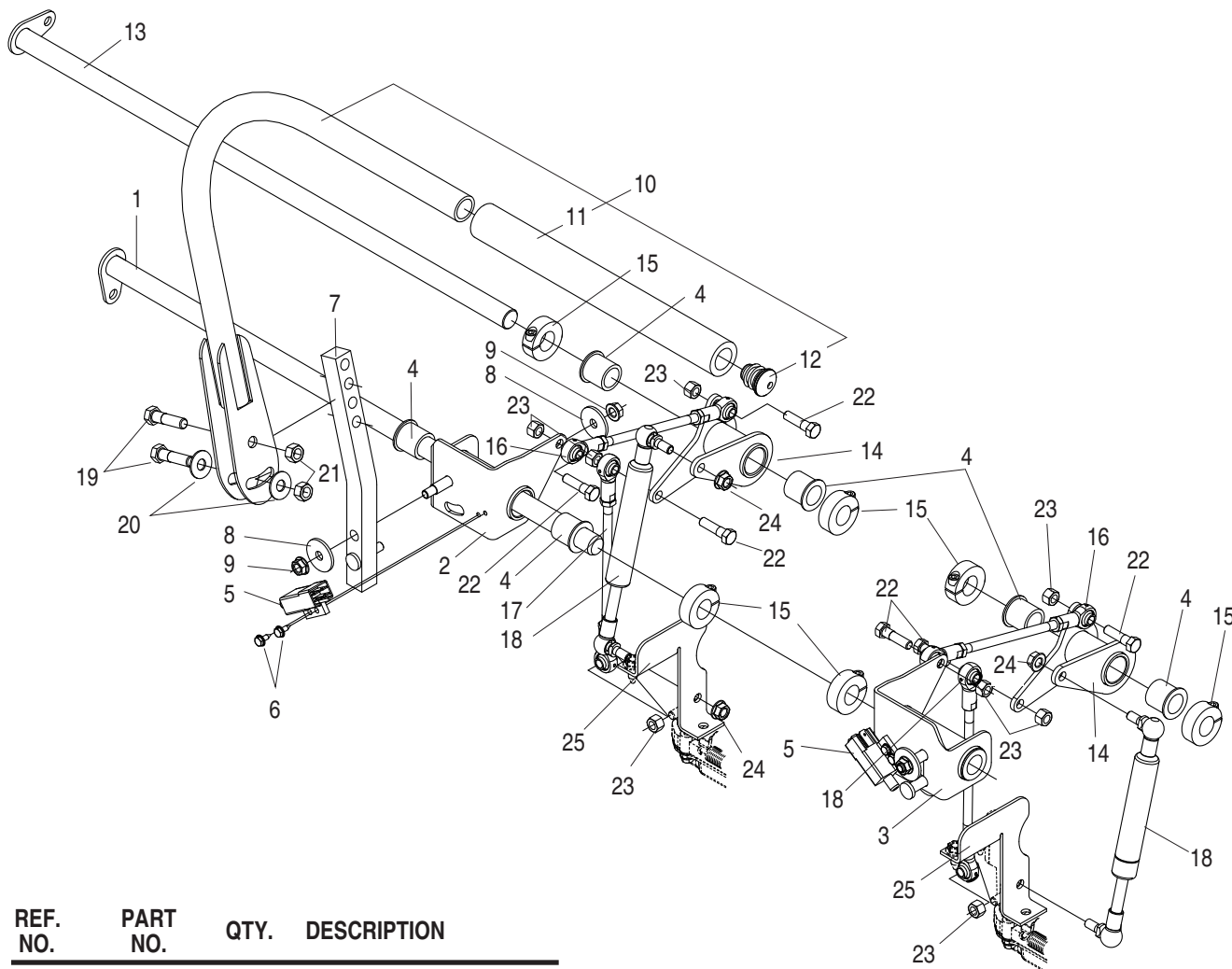
FRONT CASTER WHEELS AND DRIVE WHEELS FOR ES1744, ES1844, ES1852, ES2052H & ES2052K MODELS



REF. NO.	PART NO.	QTY.	DESCRIPTION
1	50046553	2	Wheel and Tire 11 x 4-5 w/ Bearings
2	50040864	4	Bearing
3	9161600	2	Locknut 1/2" Gr.C
4	50042714	2	Caster Fork Weldment
5	19031	2	Capscrew 1/2" x 5-3/4"
6	50040352	4	Bearing, Sealed Flanged
7	20376	2	Flatwasher 1" SAE
8	44041	2	Retaining Ring
9	50027240	2	Grease Cap
10	50043328	2	Spacer (Used with 44" Deck Only)
11	50040262	2	Tire & Wheel Assy for ES1744 & ES1844 -18" x 8.5"
	50040724	2	Tire & Wheel Assy for ES1852, ES2052H, ES2052K -18" x 9.5"
12	50040841	1	Tire 18 x 8.5
	50040842	1	Tire 18 x 9.5
13	50040843	1	Wheel for 18 x 8.5 Tire
	50040844	1	Wheel for 18 x 9.5 Tire
14	15515	8	Lug Nuts

STEERING CONTROLS

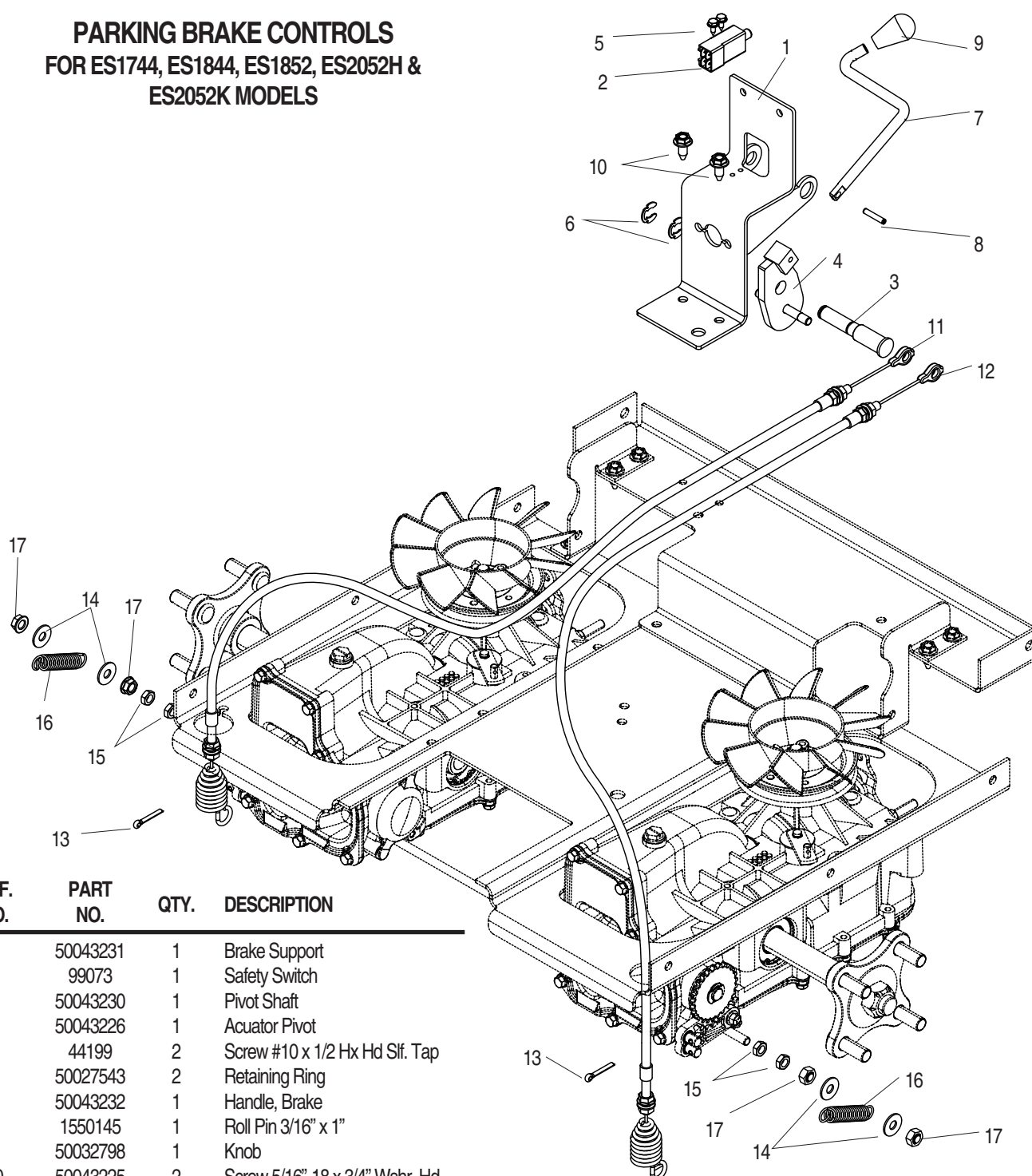
FOR ES1744, ES1844, ES1852, ES2052H & ES2052K MODELS



REF. NO.	PART NO.	QTY.	DESCRIPTION
1	50046564	1	Control Rod Weldment
2	50043368	1	Control Bracket R.H.
3	50043369	1	Control Bracket L.H.
4	50040329	8	Flange Bushing
5	99073	2	Safety Switch
6	44199	4	Screw #10 x 1/2" Self Tap.
7	50043370	1	Lever R.H. (Shown)
	50043380	1	Lever L.H.
8	—	4	Flatwasher 5/16"
9	44521	4	Locknut 5/16" Flanged
10	50042727	2	Control Handle
11	98538	2	Grip
12	98539	2	Plug, Handle
13	50043320	1	Rod, Pivot - Rear
14	50043359	2	Lever, Transfer
15	50040358	6	Collar
16	50043364	2	Control Linkage Assy.
	50032790	1	Rod End 5/16"NF R.H. Thds.
	50032793	1	Rod End 5/16"NF L.H. Thds.
	44890	1	Jamnut 5/16"NF R.H. Thds.
	44891	1	Jamnut 5/16"NF L. H. Thds.

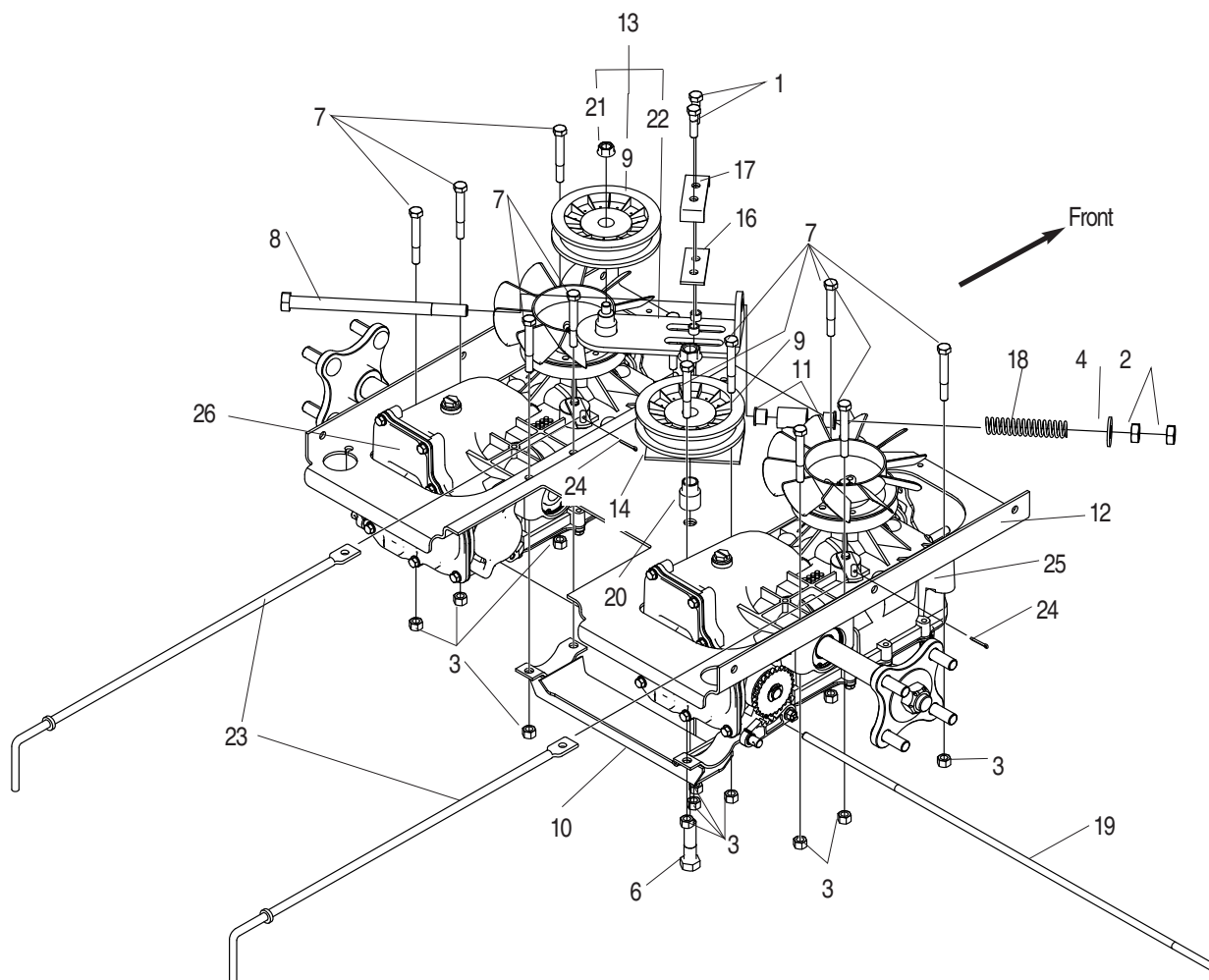
REF. NO.	PART NO.	QTY.	DESCRIPTION
17	50043363	2	Linkage IZT
	50032790	1	Rod End 5/16"NF R.H. Thds.
	50032793	1	Rod End 5/16"NF L.H. Thds.
	44890	1	Jamnut 5/16"NF R.H. Thds.
	44891	1	Jamnut 5/16"NF L. H. Thds.
18	50027495	2	Damper Assembly
19	20881	4	Capscrew 3/8" x 1-1/2" Gr.5
20	—	4	Flatwasher 3/8"
21	20363	4	Locknut 3/8"
22	—	6	Capscrew 5/16" x 1-1/4" Gr.5
23	15602	8	Locknut 5/16"
24	44185	4	Locknut M8 x 1.25 Flanged
25	50043340	2	Damper Mount

PARKING BRAKE CONTROLS **FOR ES1744, ES1844, ES1852, ES2052H &** **ES2052K MODELS**



REF. NO.	PART NO.	QTY.	DESCRIPTION
1	50043231	1	Brake Support
2	99073	1	Safety Switch
3	50043230	1	Pivot Shaft
4	50043226	1	Acuator Pivot
5	44199	2	Screw #10 x 1/2 Hx Hd Slf. Tap
6	50027543	2	Retaining Ring
7	50043232	1	Handle, Brake
8	1550145	1	Roll Pin 3/16" x 1"
9	50032798	1	Knob
10	50043225	2	Screw 5/16"-18 x 3/4" Wshr. Hd.
11	50043255	1	Cable, Brake L.H. (Short)
12	50043254	1	Cable, Brake R.H. (Long)
13	21020510	2	Cotter Pin 5/32" x 1"
14	—	4	Flatwasher 5/16"
15	44516	4	Jamnut 5/16"
16	50043348	2	Spring, Cog Return
17	9161000	4	Locknut 5/16"

TRANSAXLES , MOUNTS AND RELATED PARTS FOR ES1744, ES1844, ES1852, ES2052H & ES2052K MODELS

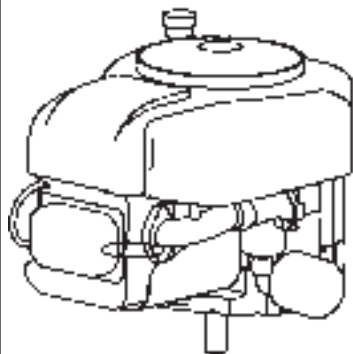


REF. NO.	PART NO.	QTY.	DESCRIPTION
1	—	2	Capscrew 5/16" x 1-1/4" Gr.5
2	—	2	Jamnut 1/2"
3	15602	14	Locknut 5/16"
4	15916	1	Flatwasher 1/2"
5	19518	1	Locknut, Flanged
6	—	1	Capscrew 1/2" x 2" Gr.5
7	—	12	Capscrew 5/16" x 2-1/2" Gr.5
8	20519	1	Capscrew 1/2" x 7" Gr.5
9	50040290	2	Flat Idler
10	50040292	1	Cross Brace Weldment
11	50040334	2	Bushing, Flanged 3/4" x 5/8" x 1/2"
12	50040883	1	Transaxle Mount Weld.
13	50040910	1	Tensioner Assy.

REF. NO.	PART NO.	QTY.	DESCRIPTION
14	50040912	1	Wear Plate
15	50042697	2	Bushing, Tensioner
16	50042698	1	Tensioner, Wear plate
17	50042699	1	Retainer, Tensioner
18	50042700	1	Spring, Compression
19	50043347	1	Torsion Rod
20	50043367	1	Spacer
21	15583	1	Locknut 3/8" Flanged
22	50040909	1	Bracket Weldment
23	50040823	2	Release Rod
24	15468	2	Cotter Pin 3/32" x 1/2"
25	50044483	1	Transaxle R.H. Assy
26	50044484	1	Transaxle L.H. Assy.

ENGINES AND SERVICE PARTS

FOR ES1744, ES1844, ES1852, ES2052H & ES2052K MODELS



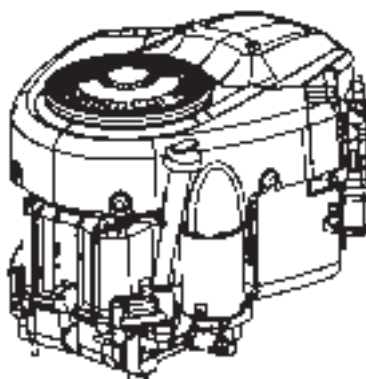
17 HP BRIGGS & STRATTON ENGINE FOR ES1744 MODELS

**Model No. 17 INTEK
Part No. 31F770126E1**

BUSH HOG SERVICE PARTS

NOTE: For complete engine replacement or major engine repair contact your nearest Briggs & Stratton Engine Dealer.

DESCRIPTION	BUSH HOG PART NUMBER
Air Filter	50043294
Pre Cleaner	50043295
Fuel Filter	50043297
Oil Filter	50043296
Spark Plug	50043298



20 HP BRIGGS & STRATTON ENGINE FOR ES1844 & ES1852 MODELS

**Model No. 18 INTEK
Part No. 4065770125E1**

BUSH HOG SERVICE PARTS

NOTE: For complete engine replacement or major engine repair contact your nearest Briggs & Stratton Engine Dealer.

DESCRIPTION	BUSH HOG PART NUMBER
Air Filter	50043299
Pre Cleaner	50043300
Fuel Filter	50043297
Oil Filter	50043296
Spark Plug	50043301



20 HP KOHLER ENGINE FOR ES2052K MODELS

**Model No. CV20S
Part No. PA-65602**

BUSH HOG SERVICE PARTS

NOTE: For complete engine replacement or major engine repair contact your nearest Kohler Engine Dealer.

DESCRIPTION	BUSH HOG PART NUMBER
Air Filter	50040638
Pre Cleaner	50041245
Fuel Filter	50040643
Oil Filter	50040642
Spark Plug	50040645



20 HP HONDA ENGINE FOR ES2052H MODELS

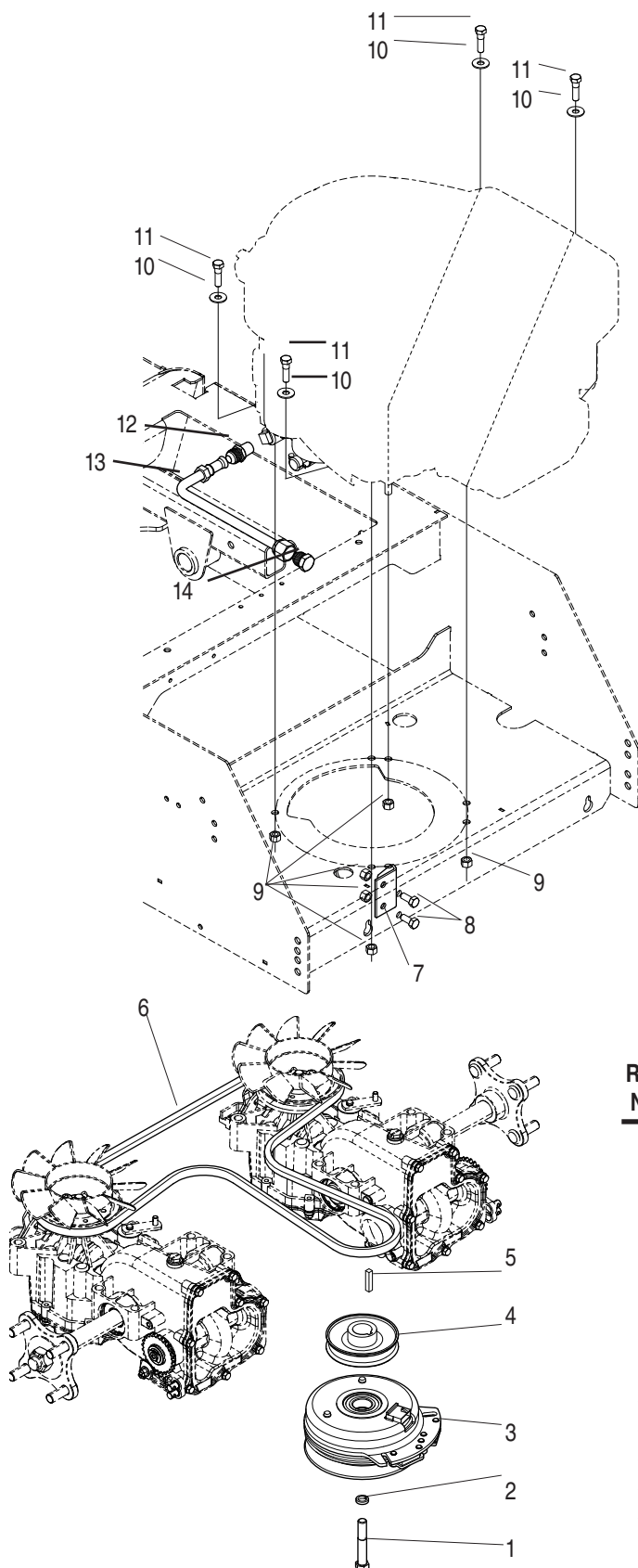
**Model No. GXV620K1QYF
Part No. 62600**

BUSH HOG SERVICE PARTS

NOTE: For complete engine replacement or major engine repair contact your nearest Honda Engine Dealer.

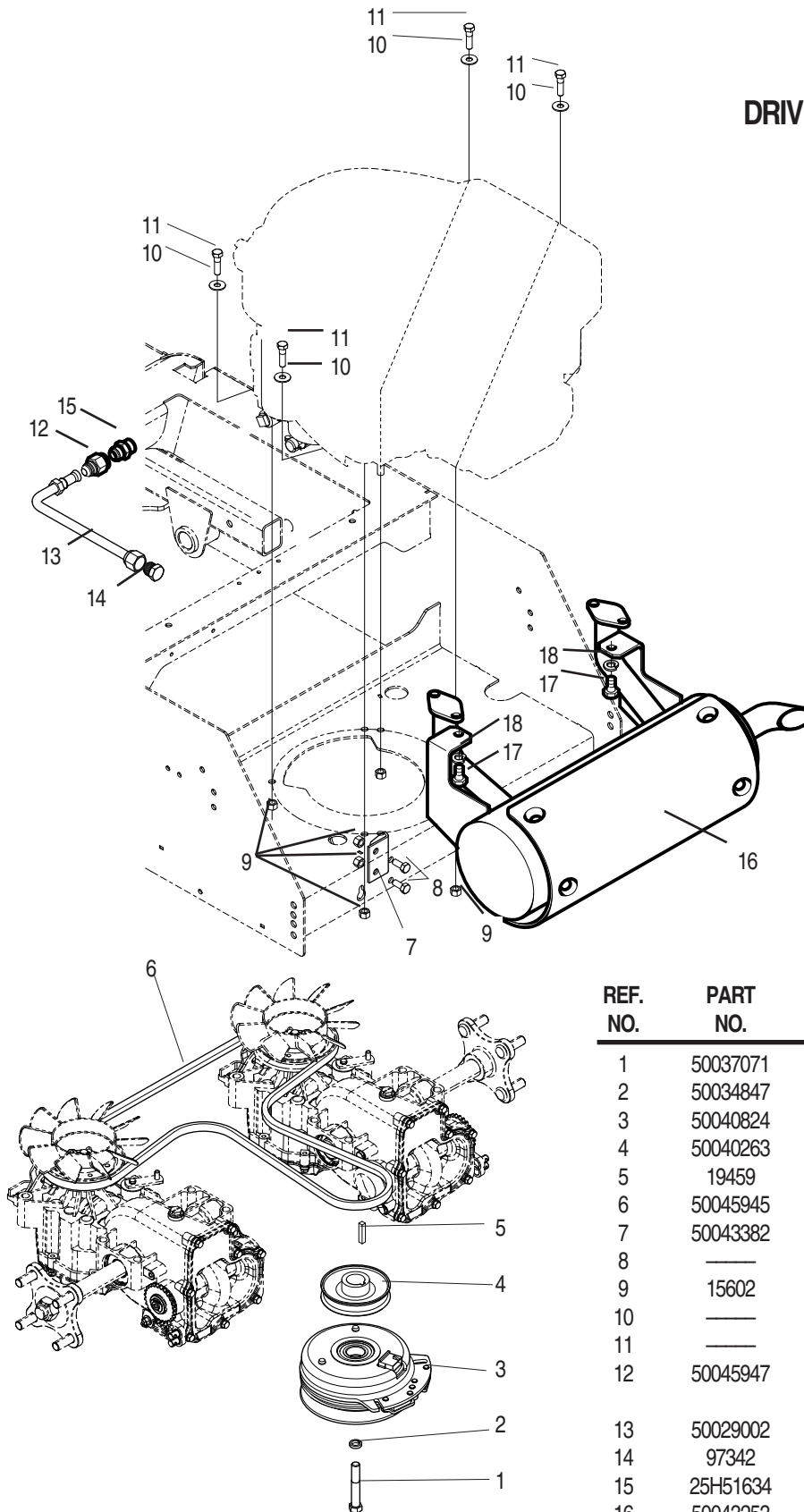
DESCRIPTION	BUSH HOG PART NUMBER
Air Filter	50043302
Pre Cleaner	50043303
Fuel Filter	50043305
Oil Filter	50043304
Spark Plug	50043306

CLUTCH, DRIVE BELT & PULLEY, & OIL DRAIN FOR ES1744, ES1844, ES1852 & ES2052K



REF. NO.	PART NO.	QTY.	DESCRIPTION
1	50037071	1	Locking Bolt 7/16" x 2-3/4"
2	50034847	1	Lockwasher 7/16" High Collar
3	50040824	1	Clutch Assembly
4	50040263	1	Sheave
5	19459	1	Key .25" x .25" x 1.25"
6	50045945	1	Belt, Hydraulic Pump
7	50043382	1	Stop, Clutch
8	—	2	Capscrew 5/16" x 3/4"
9	15602	6	Locknut 5/16"
10	—	4	Flatwasher 5/16"
11	—	4	Engine Bolt 5/16" x 1-1/4" Gr.5
12	97343	1	Connector, Male
13	50029002	1	Tube, Drain
14	97342	1	Plug, Drain

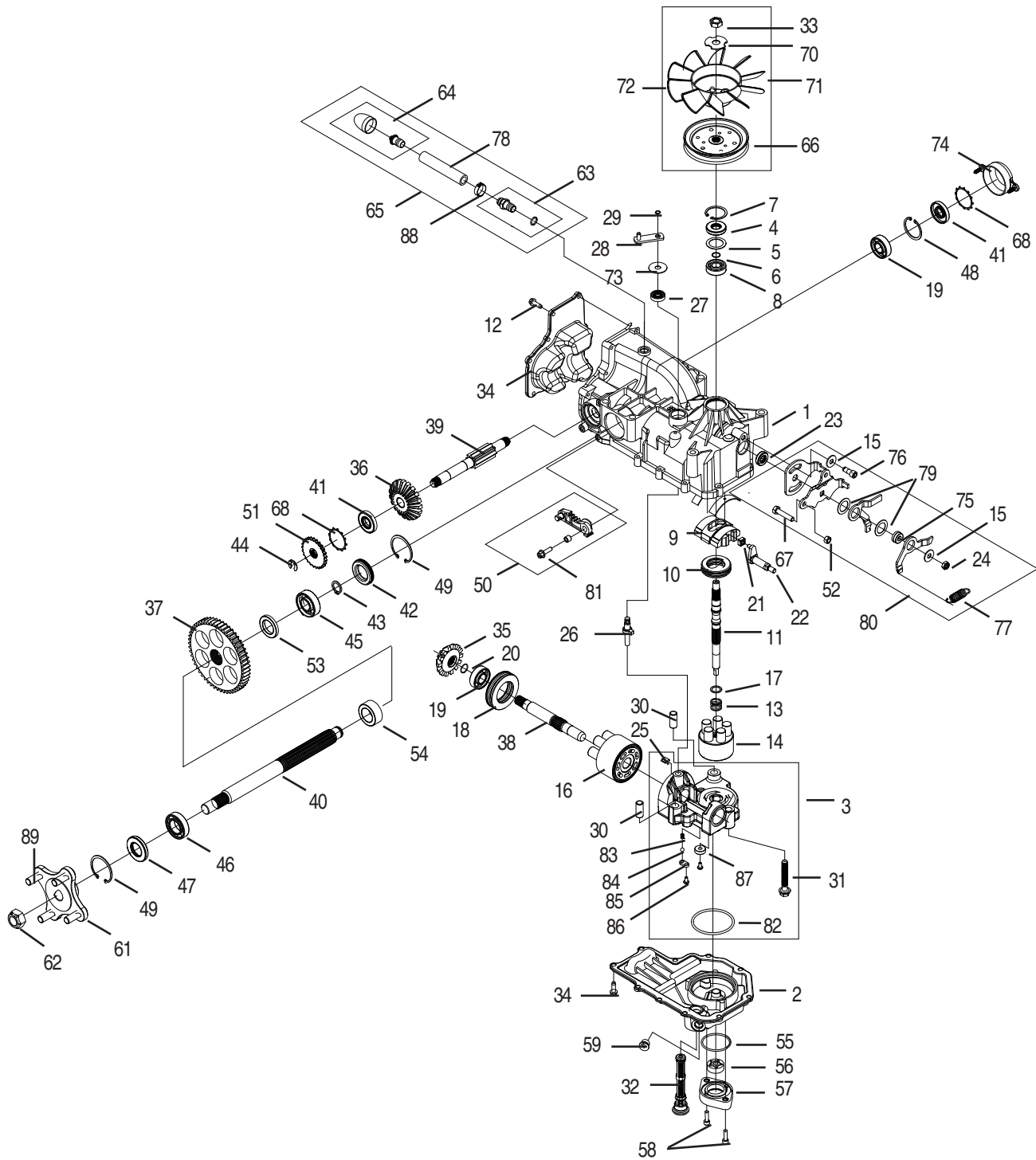
CLUTCH, DRIVE BELT & PULLEY, & OIL DRAIN FOR ES2052H



REF. NO.	PART NO.	QTY.	DESCRIPTION
1	50037071	1	Locking Bolt 7/16" x 2-3/4"
2	50034847	1	Lockwasher 7/16" High Collar
3	50040824	1	Clutch Assembly
4	50040263	1	Sheave
5	19459	1	Key .25" x .25" x 1.25"
6	50045945	1	Belt, Hydraulic Pump
7	50043382	1	Stop, Clutch
8	—	2	Capscrew 5/16" x 3/4"
9	15602	6	Locknut 5/16"
10	—	4	Flatwasher 5/16"
11	—	4	Engine Bolt 5/16" x 1-1/4" Gr.5
12	50045947	1	Hydraulic Adaptor 37° Flare Internal / 37° Flare
13	50029002	1	Tube, Drain
14	97342	1	Plug, Drain
15	25H51634	1	Straight Adaptor
16	50043253	1	Muffler w/ Shield
17	44315	2	Capscrew M8 x 20 G8.8
18	—	2	Lockwasher M8

50044483 CHARGED IZT ASSEMBLY, RIGHT HAND

For ES1744, ES1844, ES1852, ES2052H & ES2052K Models



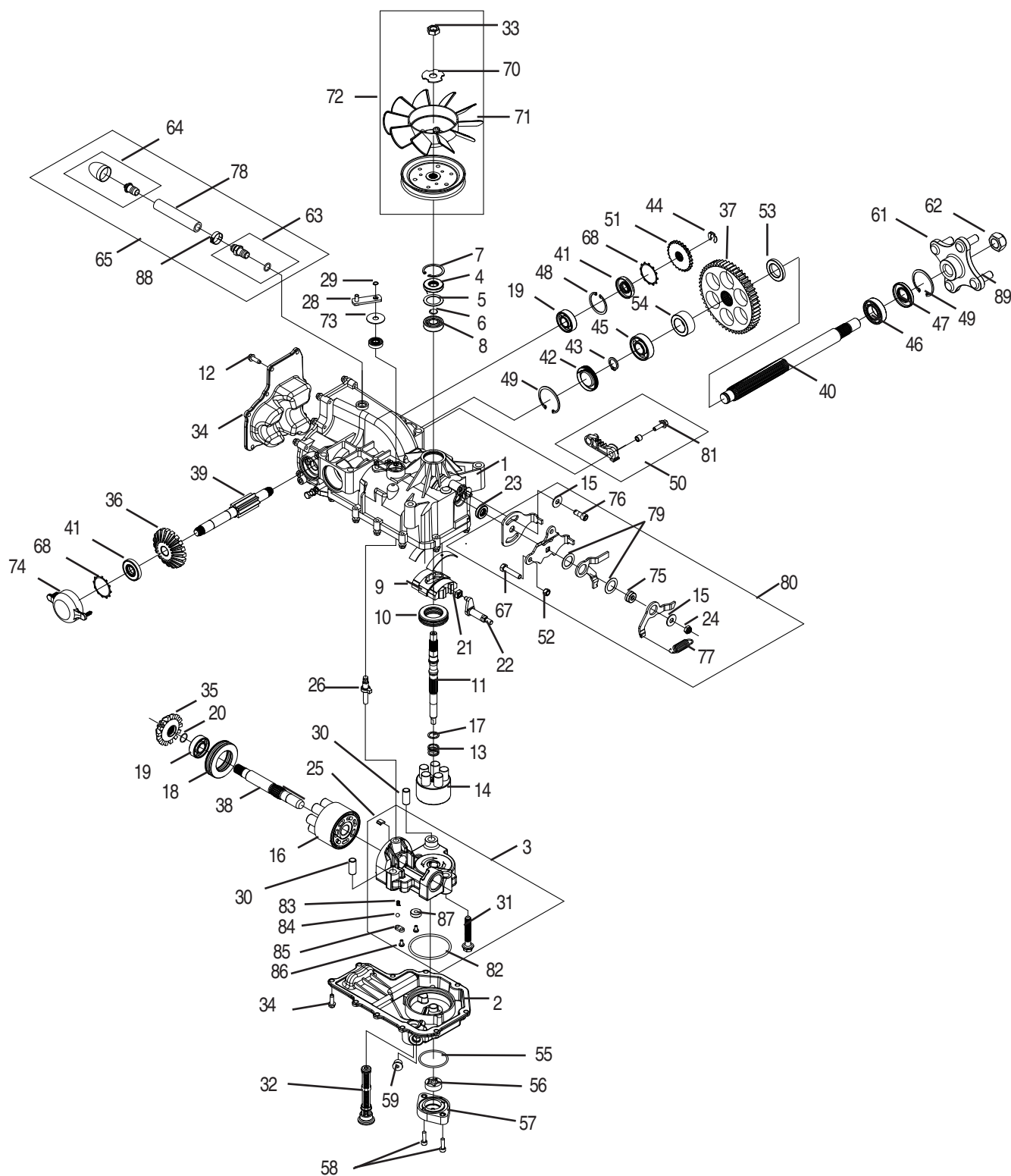
50044483 CHARGED IZT ASSEMBLY, RIGHT HAND

For ES1744, ES1844, ES1852, ES2052H & ES2052K Models

REF. NO.	PART NO.	QTY.	DESCRIPTION	REF. NO.	PART NO.	QTY.	DESCRIPTION
1	50045864	1	Kit, Main Housing	45	50044527	1	Bearing, Ball 20 x 47 x 14 (6204)
2	50045856	1	Lower Housing	46	50044526	1	Bearing, Ball 25 x 47 x 12 (6005)
3	50045866	1	Kit, Center Section	47	—	1	Seal
4	—	1	Lip Seal	48	—	1	Retaining Ring
5	50045876	1	Spacer	49	—	2	Retaining Ring, Axle
6	50045874	1	Wire Retaining Ring	50	50045868	1	Assembly, Brake Arm, L.H.
7	—	1	Retaining Ring	51	50045843	1	Disc Brake
8	50045877	1	Ball Bearing	52	50044512	1	Hex Nut 5/16"
9	50045878	1	Variable Swashplate	53	50045858	1	Washer, Axle 1.04 x 1.65 x .22
10	50044523	1	Thrust Bearing	54	50045859	1	Washer, Axle 1.04 x 1.65 x .70
11	50045853	1	Input Shaft	55	—	1	O-Ring
12	50045880	1	Cover, Back	56	50044521	1	Assembly, Gerotor
13	50045873	1	Spring, Block	57	50044519	1	Cover, Gerotor
14	50045862	1	Cylinder Block Assembly, 10cc	58	50044517	2	Capscrew M6 x 20
15	50044513	2	Washer	59	50045881	1	Plug
16	50045860	1	Cylinder Block Assembly, 21cc	60	50045847	1	Sealant
17	50045875	1	Washer, Block Thrust	61	50045861	1	Hub, Assembly
18	50044524	1	Thrust Bearing	62	50045846	1	Hex Nut 3/4"
19	50044522	2	Ball Bearing	63	—	1	Kit, Fitting O-Ring Assembly
20	50045872	1	Wire Retaining Ring	64	—	1	Cap Vent Assembly
21	50045871	1	Slot Guide	65	50045867	1	Kit, Breather
22	50045845	1	Trunion Arm	66	50045849	1	Pulley, 4.5"
23	—	1	Lip Seal	67	—	1	Bolt, 5/16" x 1.5"
24	50044518	1	Lock Nut 5/16"	68	—	2	Ring, Retaining
25	50045865	1	Kit, Bypass Plate	69	50045863	1	Kit, Seal
26	50045879	1	Bypass Actuator	70	50045851	1	Washer, Slotted
27	—	1	Lip Seal	71	—	1	Fan, 7", 10 Blade
28	50044520	1	Bypass Arm	72	50045882	1	Kit, Fan-Pulley
29	—	1	Retaining Ring	73	50045855	1	Washer
30	50044515	2	Pin	74	50045854	1	Cap, Brake
31	50044516	3	Screw	75	—	1	Spacer
32	50045857	1	Filter Assembly	76	—	1	Screw 5/16" x .75"
33	50048849	1	Lock Nut 1/2"	77	50045833	1	Spring, Extension
34	50045842	18	Screw 1/4" x .75	78	—	1	Hose .5 x 4.00
35	50044528	1	Bevel Gear, 14T	79	—	2	Washer, Nylon
36	50044529	1	Bevel Gear, 19T	80	50045870	1	Rtn. Kit
37	50045840	1	Spur Gear, 53T	81	50045852	1	Capscrew 1/4" - 28
38	50045844	1	Motor Shaft	82	50044850	1	O-Ring .139 x 2.984
39	50045850	1	Brake Shaft	83	50048851	1	Spring, Helical
40	50045841	1	Shaft, Axle 1.00 x 11.04 (Key)	84	50048852	1	Ball, 1/4"
41	—	2	Seal, Lip 17 x 40 x 7	85	50048853	1	Plate, Relief
42	—	1	Seal Plug	86	50048854	2	Bolt, Self-Tapping
43	—	1	Retaining Ring, Axle	87	50048855	1	Magnet, Ring
44	50045848	1	Retaining Ring	88	50044525	1	Clamp, Pinch
				89	50048828	4	Wheel Bolt 1/2"-13 x 1/2" Rib Neck

50044484 CHARGED IZT ASSEMBLY, LEFT HAND

For ES1744, ES1844, ES1852, ES2052H & ES2052K Models



50044484 CHARGED IZT, LEFT HAND ASSEMBLY

For ES1744, ES1844, ES1852, ES2052H & ES2052K Models

REF. NO.	PART NO.	QTY.	DESCRIPTION	REF. NO.	PART NO.	QTY.	DESCRIPTION
1	50045864	1	Kit, Main Housing	45	50044527	1	Bearing, Ball 20 x 47 x 14 (6204)
2	50045856	1	Lower Housing	46	50044526	1	Bearing, Ball 25 x 47 x 12 (6005)
3	50045866	1	Kit, Center Section	47	—	1	Seal
4	—	1	Lip Seal	48	—	1	Retaining Ring
5	50045876	1	Spacer	49	—	2	Retaining Ring, Axle
6	50045874	1	Wire Retaining Ring	50	50045869	1	Assembly, Brake Arm, R.H.
7	—	1	Retaining Ring	51	50045843	1	Disc Brake
8	50045877	1	Ball Bearing	52	50044512	1	Hex Nut 5/16"
9	50045878	1	Variable Swashplate	53	50045858	1	Washer, Axle 1.04 x 1.65 x .22
10	50044523	1	Thrust Bearing	54	50045859	1	Washer, Axle 1.04 x 1.65 x .70
11	50045853	1	Input Shaft	55	—	1	O-Ring
12	50045880	1	Cover, Back	56	50044521	1	Assembly, Gerotor
13	50045873	1	Spring, Block	57	50044519	1	Cover, Gerotor
14	50045862	1	Cylinder Block Assembly, 10cc	58	50044517	2	Capscrew M6 x 20
15	50044513	2	Washer	59	50045881	1	Plug
16	50045860	1	Cylinder Block Assembly, 21cc	60	50045847	1	Sealant
17	50045875	1	Washer, Block Thrust	61	50045861	1	Hub, Assembly
18	50044524	1	Thrust Bearing	62	50045846	1	Hex Nut 3/4"
19	50044522	2	Ball Bearing	63	—	1	Kit, Fitting O-Ring Assembly
20	50045872	1	Wire Retaining Ring	64	—	1	Cap Vent Assembly
21	50045871	1	Slot Guide	65	50045867	1	Kit, Breather
22	50045845	1	Trunion Arm	66	50045849	1	Pulley, 4.5"
23	—	1	Lip Seal	67	—	1	Bolt, 5/16" x 1.5"
24	50044518	1	Lock Nut 5/16"	68	—	2	Ring, Retaining
25	50045865	1	Kit, Bypass Plate	69	50045863	1	Kit, Seal
26	50045879	1	Bypass Actuator	70	50045851	1	Washer, Slotted
27	—	1	Lip Seal	71	—	1	Fan, 7", 10 Blade
28	50044520	1	Bypass Arm	72	50045882	1	Kit, Fan-Pulley
29	—	1	Retaining Ring	73	50045855	1	Washer
30	50044515	2	Pin	74	50045854	1	Cap, Brake
31	50044516	3	Screw	75	—	1	Spacer
32	50045857	1	Filter Assembly	76	—	1	Screw 5/16" x .75"
33	50048849	1	Lock Nut 1/2"	77	50045833	1	Spring, Extension
34	50045842	18	Screw 1/4" x .75	78	—	1	Hose .5 x 4.00
35	50044528	1	Bevel Gear, 14T	79	—	2	Washer, Nylon
36	50044529	1	Bevel Gear, 19T	80	50045870	1	Rtn. Kit
37	50045840	1	Spur Gear, 53T	81	50045852	1	Capscrew 1/4" - 28
38	50045844	1	Motor Shaft	82	50044850	1	O-Ring .139 x 2.984
39	50045850	1	Brake Shaft	83	50048851	1	Spring, Helical
40	50045841	1	Shaft, Axle 1.00 x 11.04 (Key)	84	50048852	1	Ball, 1/4"
41	—	2	Seal, Lip 17 x 40 x 7	85	50048853	1	Plate, Relief
42	—	1	Seal Plug	86	50048854	2	Bolt, Self-Tapping
43	—	1	Retaining Ring, Axle	87	50048855	1	Magnet, Ring
44	50045848	1	Retaining Ring	88	50044525	1	Clamp, Pinch
				89	50048828	4	Wheel Bolt 1/2"-13 x 1/2" Rib Neck

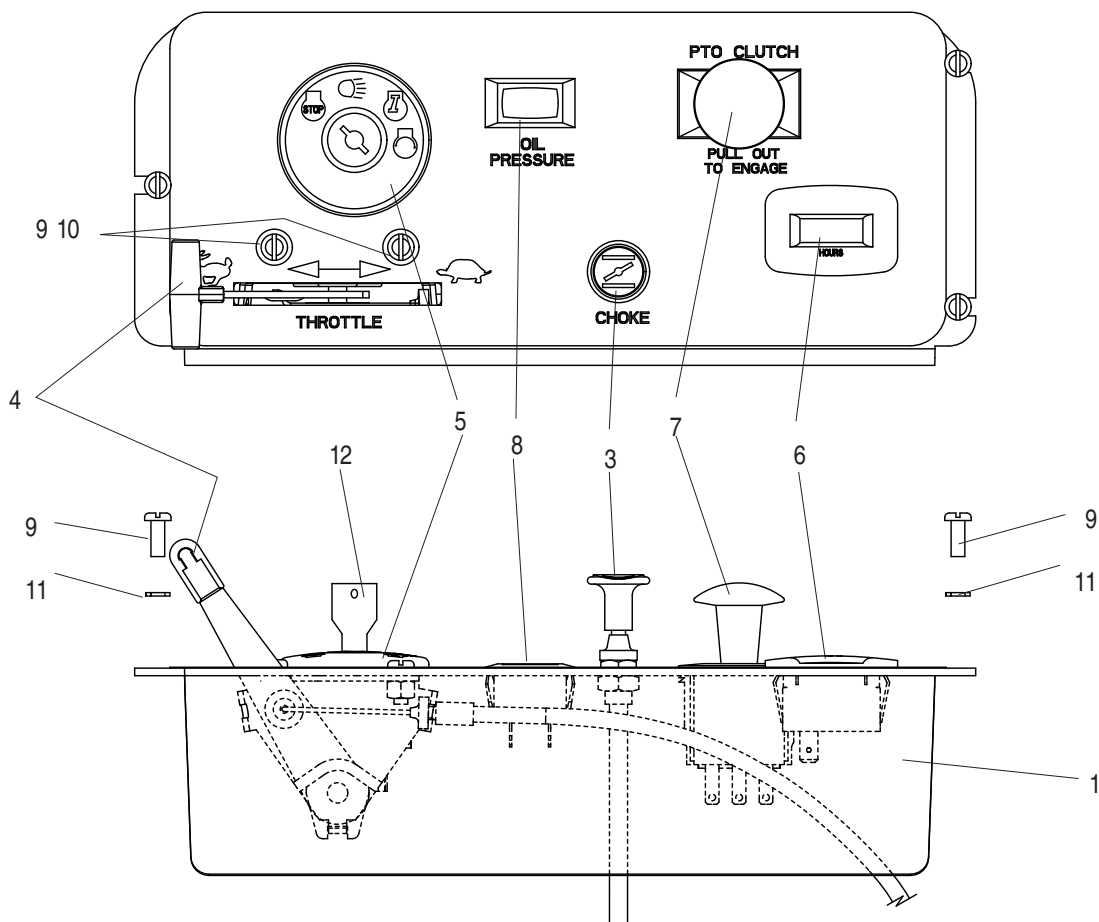
The image contains two exploded view diagrams of the ES2052H trimmer head assembly. The left diagram is for models with Briggs and Stratton or Kohler engines, showing the main housing (1), top cap (2), and various internal components like the trimmer line (5), trimmer line holder (9), and trimmer line guide (10). The right diagram is for models with a Honda engine, showing a similar assembly but with a different trimmer line holder (10) and trimmer line guide (11). Both diagrams include numbered callouts for various parts and sub-assemblies.

ES1744, ES1844, ES1852 models
with Briggs and Stratton engine and
ES2052K with Kohler engine

ES2052H models with Honda engine

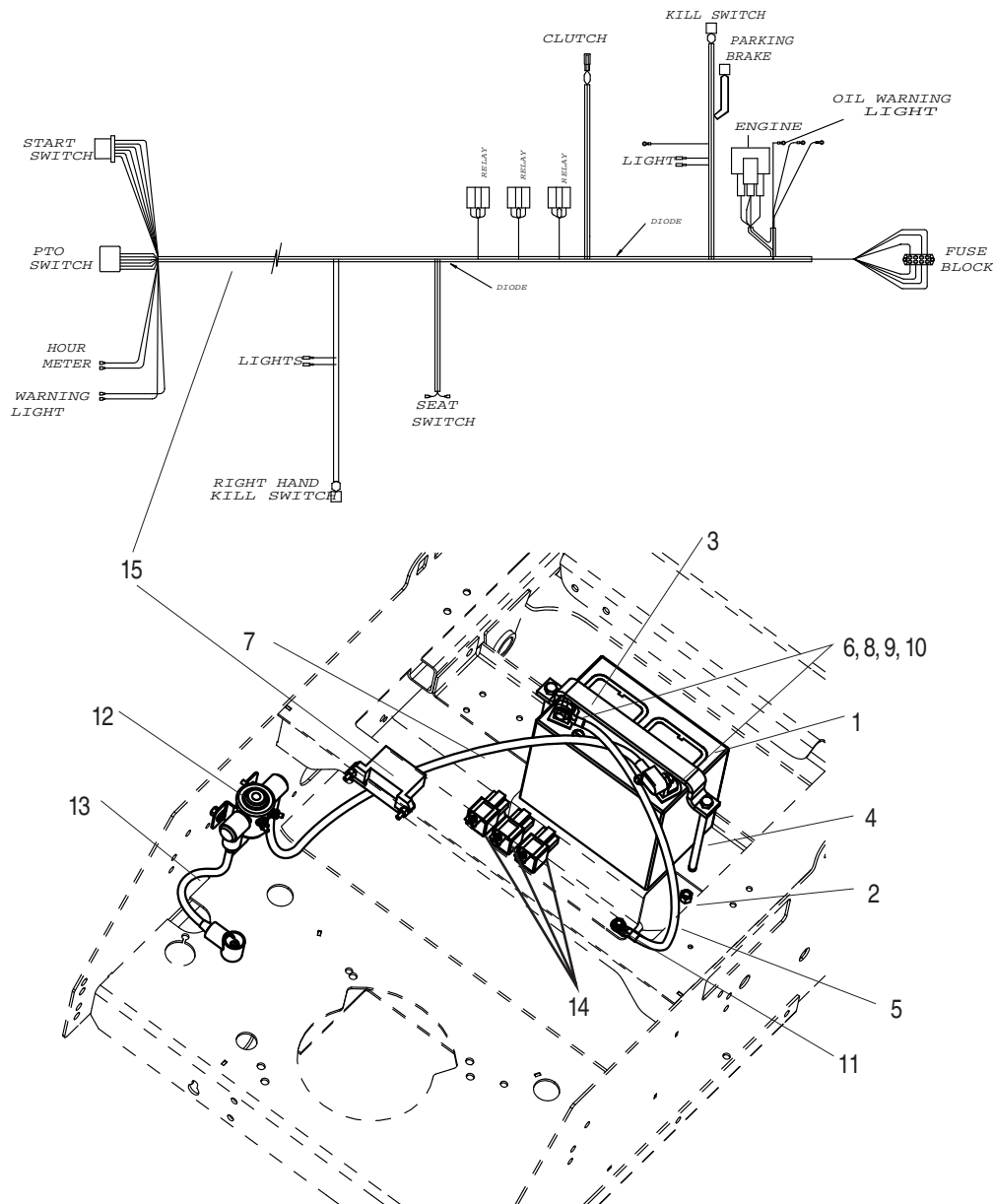
74-5-1

CONTROL PANEL AND RELATED PARTS FOR ES1744, ES1844, ES1852, ES2052H & ES2052K MODELS



REF. NO.	PART NO.	QTY.	DESCRIPTION
1	50040877	1	Control Panel
2	50043243	1	Decal, Control Panel
3	50043324	1	Choke Assy. for ES1744 Models
	50043322	1	Choke Assy. for ES1844, ES1852 & ES2052K Models
	50043394	1	Choke Assy. for ES 2052H Models
4	50043327	1	Throttle Control Assy. ES1744 Models
	50043326	1	Throttle Control Assy. ES1844, ES1852 & ES2052K Models
	50043395	1	Throttle Control Assy. ES2052H Models
5	50040774	1	Ignition Switch
6	50040775	1	Hourmeter
7	50018299	1	PTO Switch
8	50029016	1	Warning Light
9	—	5	Mach. Screw #10 x 1/2"
10	—	2	Locknut #10
11	—	3	Lockwasher #10
12	99070	1	Key

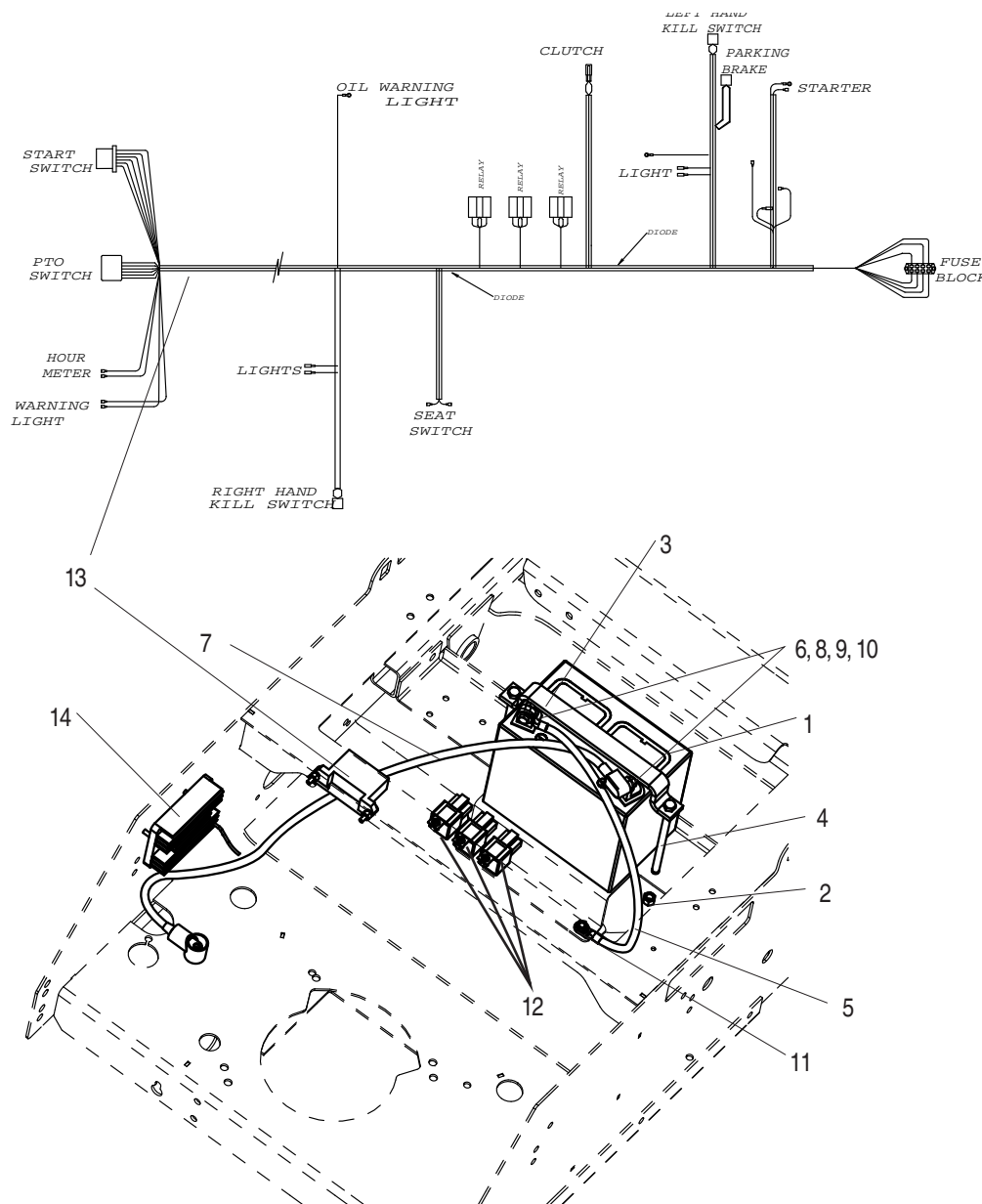
BATTERY / ELECTRICAL AND RELATED PARTS FOR ES1744, ES1844, ES1852, MODELS WITH BRIGGS AND STRATTON ENGINES



REF. NO.	PART NO.	QTY.	DESCRIPTION
1	97423	1	Battery, 12 V
2	15602	2	Locknut 5/16"
3	50043247	1	Hold Down, Battery
4	44368	2	Capscrew 5/16" x 6" Gr.5
5	50043250	1	Ground Cable
6	—	4	Flatwasher 1/4"
7	50043251	1	Battery Cable
8	—	2	Capscrew 1/4" x 3/4" Gr.5
9	—	2	Lockwasher 1/4"
10	—	2	Hex Nut 1/4"

REF. NO.	PART NO.	QTY.	DESCRIPTION
11	50043225	1	Capscrew 5/16" x 1-3/4
12	99064	1	Solenoid
13	50043252	1	Starter Cable
14	98415	3	Relay
15	50043224	1	Wiring Harness (B&S)

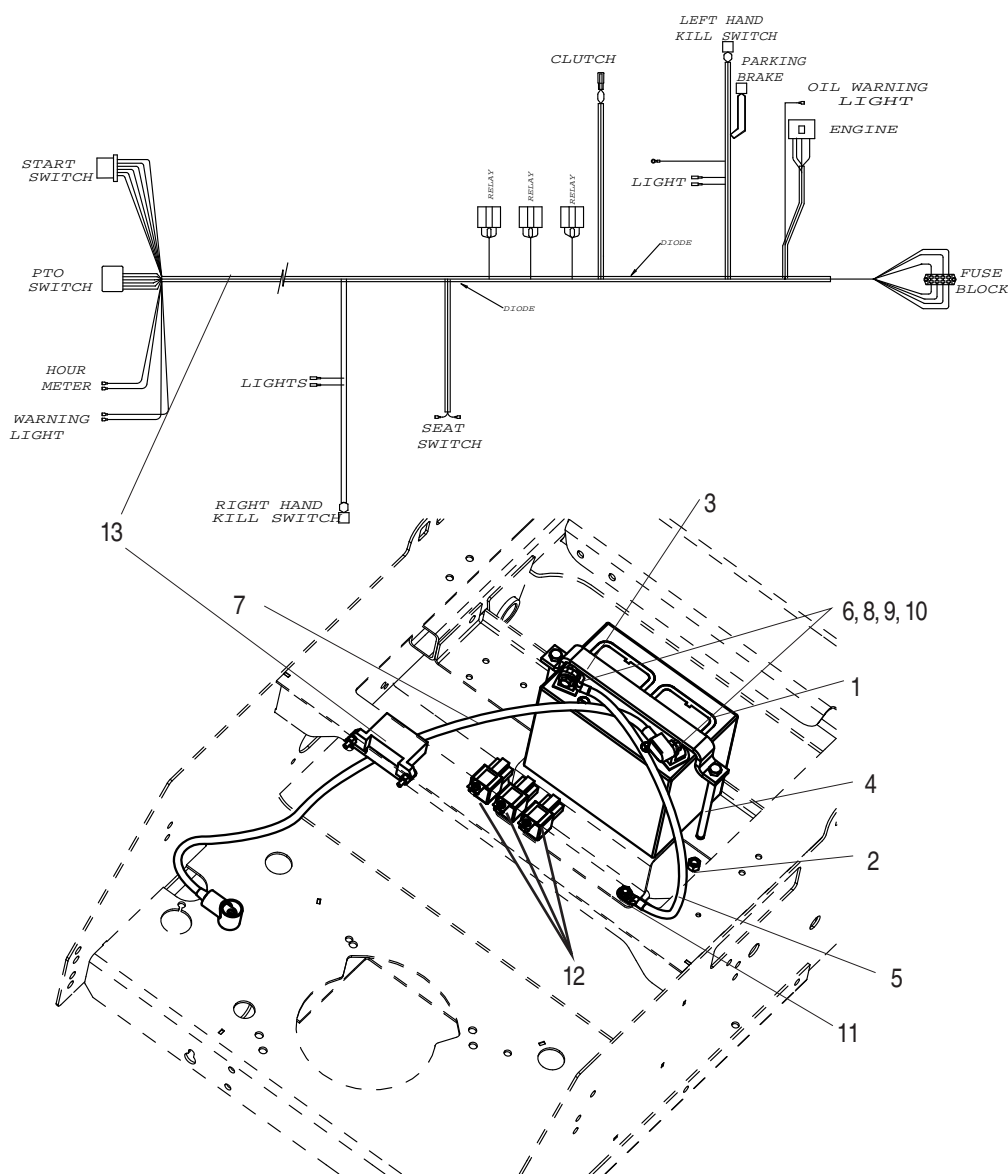
BATTERY / ELECTRICAL AND RELATED PARTS FOR ES2052H MODELS WITH HONDA ENGINE



REF. NO.	PART NO.	QTY.	DESCRIPTION
1	97423	1	Battery, 12 V
2	15602	2	Locknut 5/16"
3	50043247	1	Hold Down, Battery
4	44368	2	Capscrew 5/16" x 6" Gr.5
5	50043250	1	Ground Cable
6	—	4	Flatwasher 1/4"
7	50043251	1	Battery Cable
8	—	2	Capscrew 1/4" x 3/4" Gr.5
9	—	2	Lockwasher 1/4"
10	—	2	Hex Nut 1/4"

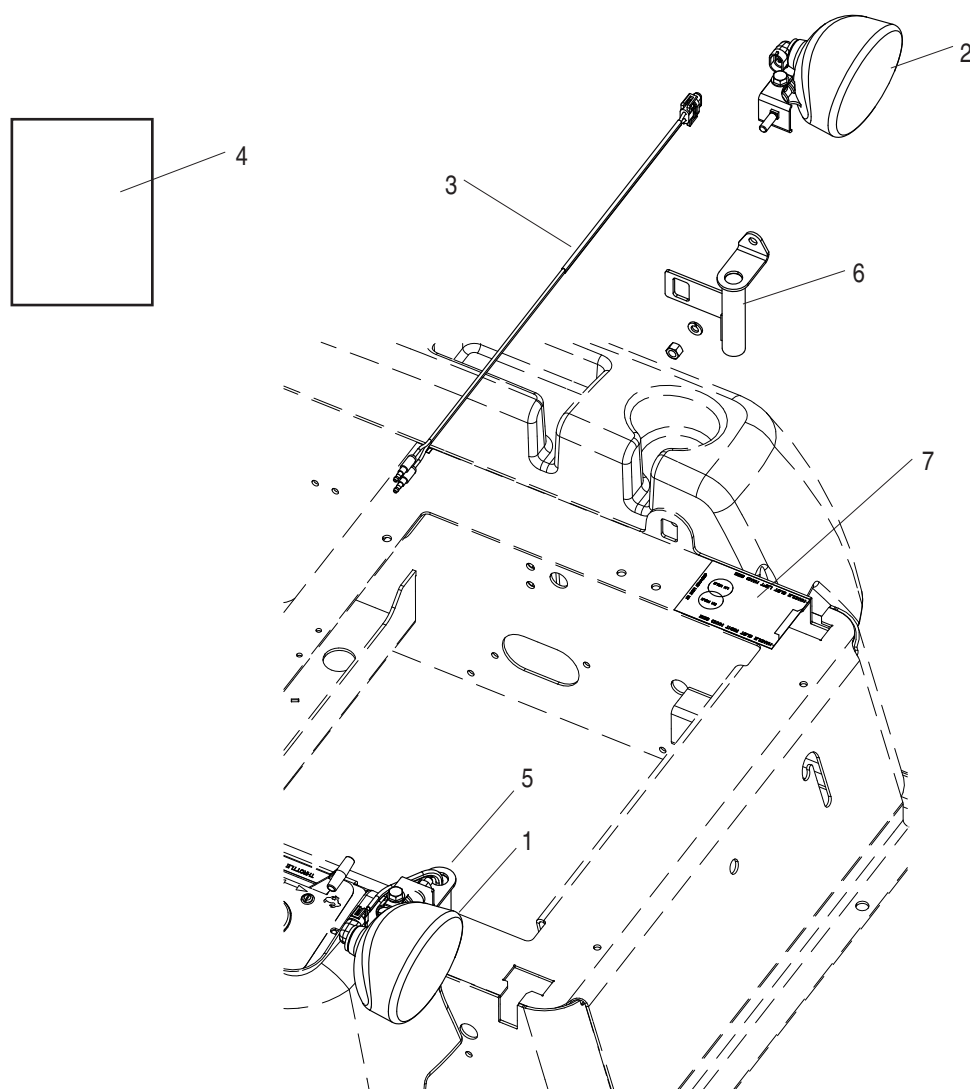
REF. NO.	PART NO.	QTY.	DESCRIPTION
11	50043225	1	Capscrew 5/16" x 1-3/4"
12	98415	3	Relay
13	50043222	1	Wiring Harness (Honda)
14	(Rectifier See your nearest Honda Engine Dealer)		

BATTERY / ELECTRICAL AND RELATED PARTS FOR ES2052K MODELS WITH KOHLER ENGINE



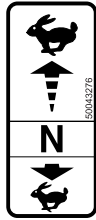
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	97423	1	Battery, 12 V
2	15602	2	Locknut 5/16"
3	50043247	1	Hold Down, Battery
4	44368	2	Capscrew 5/16" x 6" Gr.5
5	50043250	1	Ground Cable
6	—	4	Flatwasher 1/4"
7	50043251	1	Battery Cable
8	—	2	Capscrew 1/4" x 3/4" Gr.5
9	—	2	Lockwasher 1/4"
10	—	2	Hex Nut 1/4"
11	50043225	1	Capscrew 5/16" x 1-3/4
12	98415	3	Relay
13	50043223	1	Wiring Harness (Kohler)

50043262 WORKING LIGHT KIT FOR ES1744, ES1844, ES1852, ES2052H & ES2052K MODELS

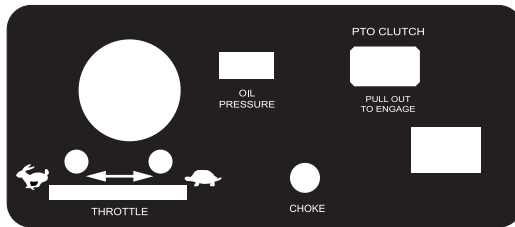


REF. NO.	PART NO.	QTY.	DESCRIPTION
1	50044461	1	Oval Working Lamp Assy. R.H.
2	50044462	1	Oval Working Lamp Assy. L.H.
3	50044466	2	Cord, Jumper
4	50044473	1	Instruction Sheet
5	50044463	1	Lamp Mount Weldment R.H.
6	50044464	1	Lamp Mount Weldment L.H.
7	50044467	1	Template

50043311 DECAL KIT FOR ES1744, ES1844, ES1852, ES2052H & ES2052K MODELS



50043276
Speed Control
Decal
2 Req'd.



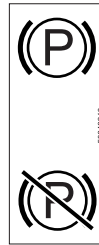
50043243
Control Panel Decal



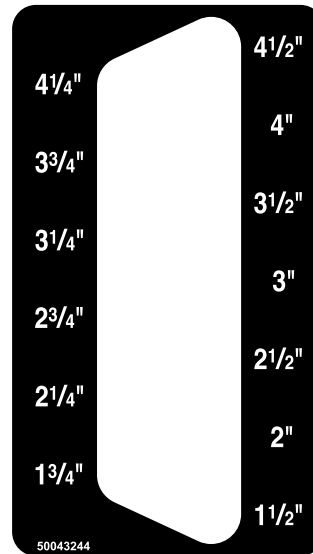
50029421
Fuel Valve Decal



50058250
Hog Emblem Decal



50043246
Parking Brake Decal



50043244
Height Control Decal

ES1744

50043283
Model Decal

ES1844

50043284
Model Decal

ES1852

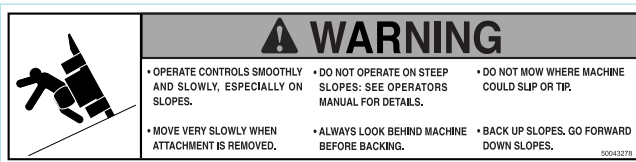
50043285
Model Decal

ES 2052

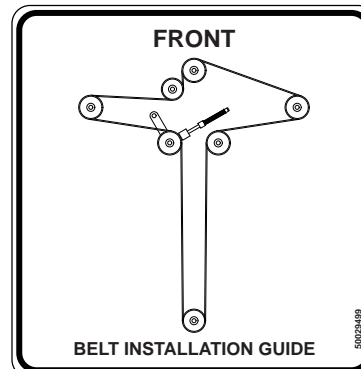
50043286
Model Decal



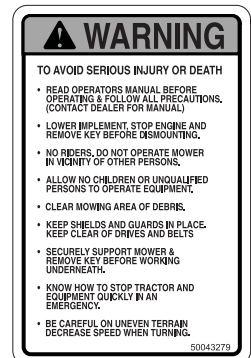
50058089
Front Panel Decal



50043278
Warning Decal



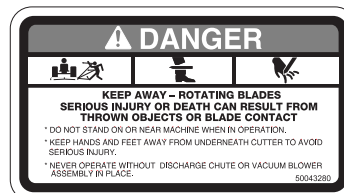
50029499
Belt Installation Decal



50043279
Warning Decal



94132
Warning Decal



50043280
Danger Decal



83056
Warning Decal



50012615
Warning Decal



50043277
Danger Decal



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